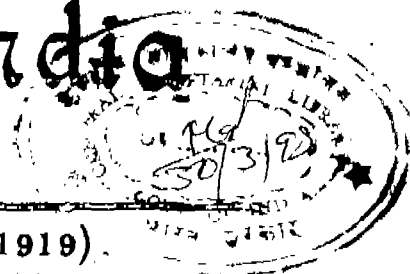




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 7] नई दिल्ली, शनिवार, फरवरी 14, 1998 (माघ 25, 1919)
No. 7] NEW DELHI, SATURDAY, FEBRUARY 14, 1998 (MAGHA 25, 1919)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 14th February, 1998

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1-457 GI/97

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एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 14 फरवरी, 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :-

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, लॉअर परले (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र खंडीगढ़ ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

बान्धु प्रवेश, कर्नाटक, केरल, तमिलनाडु,
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिची द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटोफिस"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीकृत सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रसंग पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क : शुल्कों की अवधि या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट अथवा या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed under section 135, under Patent Act, 1970.

01-01-1998

- 1/Cal/98. Krebs & Co. Ag., "Salt purification apparatus".
- 2/Cal/98. Dresser Industries, Inc., "Low noise ball valve assembly with downstream airfoil insert" (Convention No. 08/819,760 on 3-4-97 in U S A).
- 3/Cal/98. Bundesdruckerei GmbH, "Data Storage medium" (Convention No. 29700998.2 on 10-1-97 in Germany).
- 4/Cal/98. General Electric Company, "Power flow control with rotary transformers" (Convention No. 08/814,374 on 11-3-97 in U S A).
- 5/Cal/98. 1. Hoechst Aktiengesellschaft, 2. Hoechst Celanese Corporation, "High surface intermeshing profile reactor". (Convention No. 08/784,167 on 15-1-97 in U S A).

6/Cal/98. Kaneka Corporation, "A process for producing an epoxide" (Convention No. 7-039266 on 3-2-95 & 7-273547 on 26-9-95 in Japan).

7/Cal/98. Kaneka Corporation, "A process for producing α halohydrin" (Convention No. 7-039266 on 3-2-95 & 7-273547 on 26-9-95 in Japan) (Divided out of No. 187/Cal/96 antedated to 2-2-96).

8/Cal/98. Dr. Bishnu Pada Sen, Dr. Kandiraju Venkata Sitaram Rao, "Alkaline sodium silicate adjunct and a process for preparing the same".

02-01-1998

- 9/Cal/98. Nokia Telecommunications Oy, "System for ensuring emergency calls in a wireless local loop" (Convention No. 970118 on 10-1-97 in Finland).
- 10/Cal/98. Nokia Telecommunications Oy, "System for setting up a call in a wireless local loop" (Convention No. 970119 on 10-1-97 in Finland).
- 11/Cal/98. Owens Corning, "Impact and puncture resistant panels" (Convention No. 08/778,942 on 6-1-97 in U S A).

12/Cal/98. Owens Corning, "Transversely and axially reinforced pultrusion product" (Convention No. 08/780,563 on 8-1-97 in U S A).

13/Cal/98. Owens Corning, "Noise abatement kit" (Convention No. 08/780,567 on 8-1-97 in U S A).

14/Cal/98. Vereinigte Burstenfabriken Gmgh., "Brushware, particularly toothbrush, and pack for the same" (Convention No. 19701574.3 on 17-1-97 in Germany).

05-01-1998

15/Cal/98. K. Angou Singh & Sons, "Mineral water producing industries".

16/Cal/98. Novoferm GmbH., "Fire door" (Convention No. 19700973.5-25 on 14-1-97 in Germany).

17/Cal/98. Stork Veco B.V., "Screen with improved strength properties and assembly of such a screen with a support screen" (Convention No. 1004999 on 14-1-97 in Netherlands).

18/Cal/98. Samsung Electronics Co. Ltd., "Peak detector using automatic threshold control and method therefor" (Convention No. 97-30468 on 1-7-97 in Republic of Korea).

19/Cal/98. ABB Power T & D Company Inc., "High oleic acid oil compositions and methods of making and electrical insulation fluids and devices comprising the same" (Convention No. 08/778,608 on 6-1-97 in U S A).

20/Cal/98. Conoco Inc., "Delayed coking with external recycle" (Convention No. 08/800,157 on 13-2-97 in U.S.A.).

21/Cal/98. Lord Corporation, "Color changing two-part system" (Convention No. 08/795,163 on 7-2-97 in U S A).

06-01-1998

22/Cal/98. Suhrid Kumar Roy, "Process for the production of aluminium can stock utilising the facilities at a steel plant by a secondary or a primary producer of aluminium".

23/Cal/98. Philips Electronics N.V., "Method of, and system for, transmitting message" (Convention No. 9700357.8 on 9-1-97 in Great Britain).

24/Cal/98. Klaus Trier APS, "Screening method" (Convention No. 0009/97 of 6-1-97; 0823/97 of 7-7-97 and 1383/97 of 1-12-97 in Denmark).

25/Cal/98. Sonus Pharmaceuticals, Inc., "Emulsion vehicle for poorly soluble drugs" (Convention No. 60/048,840 on 6-6-97; 60/034,188 on 7-1-97 and Nil on 5-1-98 in U.S.A.).

26/Cal/98. Sonus Pharmaceuticals, Inc., "Method of making emulsion vehicle for poorly soluble drugs" (Convention No. 60/034,188 on 7-1-97; 60/048,840 on 6-6-97 and Nil on 5-1-98 in U.S.A.).

27/Cal/98. Siemens Aktiengesellschaft, "Method for monitoring of the execution of the software programme according to the stipulations" (Convention No. 19701166.7 on 15-1-97 in Germany).

28/Cal/98. Hollandse Signaalapparaten B.V., "Radar apparatus" (Convention No. 1005067 on 23-1-97 in Netherlands).

07-01-98

29/Cal/98. Shyam Sundar Dutta, "A process of preparing a liquid composition for improving the growth and generation of hair.

30/Cal/98. Taigulf Co. Ltd., "Walkie-Taikie for cyclists".

31/Cal/98. Gerhard Mandl, "Web collector for cards".

32/Cal/98. Glaxo Group Limited, "Inhalation device" (Convention No. 9700226.5 on 8-1-97 in United Kingdom).

33/Cal/98. Mr. Amitava Ray, "Marine vessel with turbo-jet propulsion system having honeycomb deck structure and a hydraulic brake".

34/Cal/98. Dupont Dow Elastomers L. L. C., "Process aid for melt processible polymers". (Convention No. 60/034,196 on 9-1-1997 in U S A).

08-01-1998

35/Cal/98. Biplab Roy Choudhury, "Process of preparing Composite spices using cardamom, clove and cinnamon to make digestive and palatable cooked food".

36/Cal/98. Anand Mohan Sharan, "High thermal response solar tracking heater" (Convention No. Nil on 19-2-97 in U S A).

37/Cal/98. Owens Corning, "Molding media and process of making same"

Convention No.	Date	Country
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08/780,564	08-01-1997	U.S.A.
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60/042,138	08-04-1997	U.S.A.
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60/049,501	07-06-1997	U.S.A.
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	31-12-1997	U.S.A.
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09-01-1998

38/Cal/98. Lancer Corporation, Large volume beverage dispensing nozzle".

39/Cal/98. Douglas A Bonfield; and Stanley J Zielinski and Joseph J Roling, "Device for regulating speed of deployment of sprinkler heads in preactive sprinkler systems" (Convention No. 08/782,069 on 13-1-97 in U.S.A.).

40/Cal/98. Bisasco Pty Limited, "Apparatus and method for treatment of industrial and domestic wastewater" (Convention No. P04538 on 9-1-97 in Australia).

41/Cal/98. Glaxo Group Limited, "Nitric oxide synthase inhibitors" (Convention No. 08/783402 on 13-1-97 in U. S. A.).

42/Cal/98. Siemens Aktiengesellschaft, "Turbine blade for turbo-machine, in particular a gas turbine" (Convention No. 19700995.6 on 14-1-97 in Germany).

43/Cal/98. Siemens Aktiengesellschaft "Steam turbine" (Convention No. 19700899.2 on 14-1-97 in Germany).

44/Cal/98. Siemens Aktiengesellschaft, "Steam turbine" (Convention No. 19701020.2 on 14-1-97 in Germany).

45/Cal/98. Siemens Aktiengesellschaft, "Probe and method for determining the temperature of a component of a gas turbine" (Convention No. 19703227.3 on 29-1-97 in Germany).

46/Cal/98. Indian Association for the Cultivation of Science. "An improved process for preparing P-hydrogenated microcrystalline silicon carbide film".

ALTERATION OF DATE

180502 Filed on 31-03-93

337/Del/93. Ante Dated to 08-06-90.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश-

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) को फोटो प्रतियाँ, यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 83A2

180501

Int. Cl.⁴ : A 01 J 25/00 & 27/00.

A PROCESS OF PREPARING A NO-FAT CHEESE ANALOG FROM DRY PARTICULATE RENNIN CASEIN AND A COAGULATED SKIM MILK PRODUCT.

Applicant : KRAFT GNEFRAL FOODS, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, LOCATED AT THREE LAKES DRIVE, NORTHFIELD, ILLINOIS 60093, USA.

Inventors : BARBARA EWA RYBINSKI, LILA ELIZABETH DAWSON, DOUGLAS GEORGE BIXBY & LARRY EDWARD WOODFORD.

Application for Patent No. 336/Del/93 filed on 31-3-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 10

A process of preparing a no-fat cheese analog having the texture, body and eating qualities of cheese from dry particulate rennet casein of the kind described herein before and a coagulated skim milk product which comprises admixing in water 15% to 35% of a coagulated skim milk product having a fat content under 2%, 15% to 35% dry particulate rennet casein, an edible emulsifying salt in an amount of 2% to 15% by weight of the rennet casein, being selected from the group consisting of alkali metal phosphate citrate salts and mixtures thereof, and a sufficient quantity of known flavouring agents and 0.5 to 2% of acidulants to impart the desired flavour and pH of 5.0 to 6.5 to the final cheese product and optionally conventional thickeners heating the resulting admixture to a temperature of 160°F to 200°F, with agitation, and maintaining said admixture at said temperature for a sufficient period of time to hydrate the rennet casein and to provide a plastic homogeneous body of cheese analog substantially free of discernible unhydrate rennet casein particles to obtain said no-fat cheese analog.

Complete Specification 21 Pages

Drawings Nil.

Ind. Cl. : 55D1

180502

Int. Cl.⁴ : AO IN 65/00.

"A PROCESS FOR THE PREPARATION OF STORAGE STABLE AZADIRACHTIN-RICH EXTRACT FROM COMPONENTS OF THE NEEM TREE, PARTICULARLY NEEM SEED KERNELS."

Applicant : TRIFOLIO-M GmbH, HERSTELLUNG UND VERTRIEB HOCHREINER BIOSUBSTANZEN, A GERMAN COMPANY, OF SONNENSTRASSE 22, D-6335 LAHANU 2, GERMANY.

Inventor : HUBERTUS KLEEBERG, DE.

Application for Patent No. 337/Del/93 filed on 31-03-93 Ant Dated to 08-06-90.

Divisional to Patent No. 560/Del/90 Filed on 08-06-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 12

A process for the preparation of storage stable azadirachtin-rich extract from components of the neem tree, particularly neem seed kernels, which comprises;

comminuting in a manner such as herein described the larger of said neem tree components;

adding to the comminuted neem components water as a solvent to extract azadirachtin therefrom;

separating in any known manner the azadirachtin-containing aqueous solvent from said neem components which now possess little azadirachtin content;

adding to and mixing thoroughly with the azadirachtin containing aqueous extract to a to 10% of at least one surfactant of the kind such as hereinbefore described having a turbidity temperature of between 20°C and 80°C;

raising the temperature of the mixture to a temperature in excess of the turbidity temperature of said surfactant whereby by the mixture separates into an aqueous phase and an azadirachtin-rich surfactant phase; and

recovering in any known manner said storage stable azadirachtin rich extract in the form of an azadirachtin rich surfactant phase.

(Complete Specification 10 Pages;

Drawing Nil)

Ind. Cl. : 55 F

180503

Int. Cl. : A 61 K 37/00.

"A PROCESS FOR PREPARING SYNERGISTIC ANTI-STRESS, ANTIOXIDANT, IMMUNOMODULATOR AND ADAPTOGENIC HERBAL COMPOSITION.

Applicant : INDIAN HERBS RESEARCH & SUPPLY CO. PVT. LTD., AN INDIAN COMPANY OF POST BOX NO. 3, SHARDANAGAR, SAHARANPUR (U.P.).

Inventors : AMIT AGARWAL, RAVINDRA KUMAR AGARWAL.

Application for Patent No. 546/Del/93 filed on 27-05-93.

Complete left after provisional specification on 24-05-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for preparing synergistic, antistress, antioxidant, immuno-modulator and adaptogenic herbal composition (ZEE TRESS) comprising pulverising or preparing dry extracts of ocimum sanctum, withania somnifera, emblica officinale, magnifera, emblica officinale, magnifera indica and mixing with the base in the following proportions :

Ocimum sanctum (leaf)—20-40%

withania somnifera (root)—20-40%

emblica officinale (fruit)—20-40%

magnifera indica (bark, leaf)—2-5%

base q.s....100%

(Complete Specification 27 Pages;

Drawing Nil)

Ind. Cl. : 189.

180504

Int. Cl. : A61K 39/02.

A METHOD FOR THE PREPARATION OF AN ORAL COMPOSITION.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors : NURAN NABI, MICHAEL PRENCIPE, ABDUL GAFFAR.

Application for Patent No. 0636/Del/93 filed on 23-6-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 15

A method for the preparation of an oral composition comprising mixing in an orally acceptable vehicle 0.01 to 5% by weight of a substantially water insoluble noncationic antibacterial agent of the kind such as herein before described, 0.02 to 3% of an antibacterial-enhancing agent of the kind such as herein before described said antibacterial-enhancing agent comprising a synthetic cross-linked polymer having in a 1 weight percentage aqueous solution an elastic or storage modulus G' and a viscous or loss modulus G'' substantially independent of frequency in an applied frequency range of 0.1 to 100 radians/sec., G' minimum value of 5,000 dynes/sq. cm which varies less than 1 order of magnitude of its original value, and a ratio of G''/G' ranging from more than 0.05 to less than 1 and, if desired, up to 7% of a conventional anticalculus agent and the balance, if any, one or more conventional adjuvants.

(Complete Specification 34 Pages;

Drawing Nil)

Ind. Cl. : 32F(29)

180505

Int. Cl. : C07K 1/06, 1/10.

AN IMPROVED PROCESS FOR THE SYNTHESIS OF PEPTIDES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860).

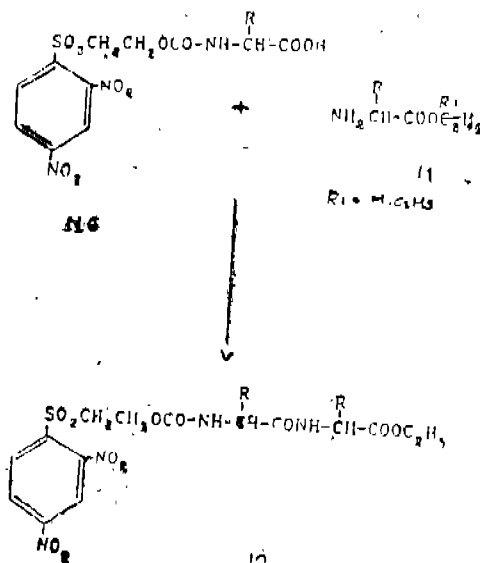
Inventors : SHAIWALINI JOSHEE, CHANDER KUMAR NARANG, GHAN SHYAM KHATRI.

Application for Patent No. 645/Del/93 filed on 25-6-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

2 Claims

An improved process for the preparation peptides which comprises reacting 2-(2, 4 dinitrophenylsulphonyl) ethoxy-carbonyl chloride of the formula 2 with an amino acid of the formula 5 where R represents side chain of the amino acid, at a temperature range of 0-5°C in the presence of a base such as sodium bicarbonate to get a N-protected amino acid of the formula 6 where R has the meaning given above, coupling the N-protected amino acid of the formula 6 wherein R represents side chain of the amino acid with C-protected amino acid/ester of the formula 5/11 in the presence of the coupling agent by conventional method such as herein described to give the corresponding peptide and recovering the same by known method such as herein defined.



(Complete Specification 15 Pages;

Drawing 6 Sheets)

Ind. Cl. : 32 F(2b)

180506

Int. Cl.⁴ : C07D, 207/00, 521/00.

A PROCESS FOR THE PREPARATION OF N-1-ALKYL-2, 5-DI(TRIALKYL SILYL) PYRROLIDINE, USEFUL FOR THE SYNTHESIS OF EPIBATIDINE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA.

Inventors : GANESH PANDEY, TRUSAR BAGUL, GINIPALLI LAKSHMAIAH.

Application for Patent No. : 1162/Del/93 filed on 18-10-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

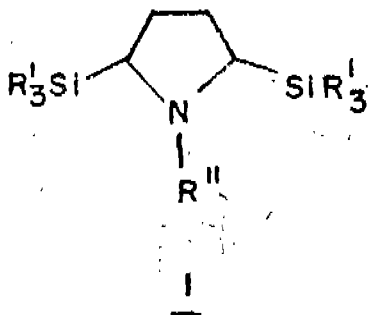
5 Claims

A process for the preparation of N-1-alkyl-2, 5-di(trialkylsilyl) pyrrolidine useful for the synthesis of epibatidine of the formula (1) as shown in the drawing accompanying this specification where R¹/3 represents trialkyl group such as triethyl or trimethyl and R'' represents an alkyl group such as methyl, ethyl or benzyl which comprises :

(a) deprotecting t-butyl carbamate group of 2, 5-di(trialkylsilyl) pyrrolidine t-butyl carbamate of formula (2) where R¹/3 represents trialkyl group such as trimethyl or triethyl, by conventional methods, such as herein described,

(b) refluxing the resultant deprotected free 2, 5-di(trialkylsilyl)-pyrrolidine of the formula 2 in an organic solvent in the presence of R'' halide wherein R'' has the meaning given above and an conventional inorganic base,

(c) filtering and evaporating the organic solvent to give N-1-alkyl-2, 5-di(trialkyl silyl) pyrrolide of the formula (1) as defined above.



(Complete Specification : 9 Pages; Drawing : 1 Sheet)

Ind. Cl. : 32F (1)

180507

Int. Cl.⁴ : C07D, 401/00.

A PROCESS FOR THE PREPARATION OF EPIBATIDINE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA.

Inventors : GANESH PANDEY, TRUSAR DAMU BAGUL, GINGIPALLI LAKSHMAIAH.

Kind of Application : Complete.

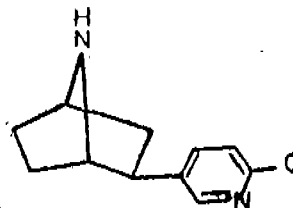
Application for Patent No. 1163/Del/93 filed on 18-10-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

A process for the preparation of Epibatidine of the formula (1) which comprises reacting 6-chloro-3-vinyl pyridine of the formula (3) where X represents -CO₂ R_t, -CHO, -SO₂ Ph, -CO-

CH₃ and -H with N-1-alkyl-2, 5-di(trialkyl Silyl) pyrrolidine of the formula (2) where R₃ represents trialkyl group such as trimethyl, triethyl or tribenzyl and R'' represents an alkyl group such as methyl, ethyl or benzyl, at a temperature ranging from 0-30°C in the presence of a polar organic solvent to produce N-alkyl Epibatidine and converting the N-alkyl Epibatidine to Epibatidine by catalytic hydrogenation by conventional methods.



1

(Complete Specification 5 pages;

Drawing 1 Sheet)

Ind. Cl. : 32F (2b)

180508

Int. Cl.⁴ : C07D, 207/20.

A PROCESS FOR THE PREPARATION OF 2, 5, DI (TRIALKYL SILYL) PYRROLIDINE-T-BUTYL CARBAMATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA.

Inventors : GANESH PANDEY, TRUSAR DAMU BAGUL, GINGIPALLI LAKSHMAIAH.

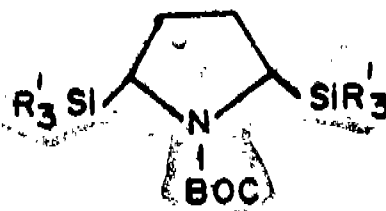
Application for Patent No. 1164/Del/93 filed on 18-10-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

A process for the preparation of 2, 5, di(trialkyl silyl) pyrrolidine-T-butyl carbamate of the formula (1) shown in the drawing accompanying this specification; where R₃ represents an alkyl group such as methyl, ethyl which comprises :

- treating a solution of 2-trialkyl silyl pyrrolidine t-butyl carbamate of the formula (2) where R₃ represents an alkyl group such as methyl or ethyl, in an organic solvent with tetra methyl whtylene diamine and -Buli at -60 to 80°C.
- adding chloro trialkyl silane to the reaction mixture
- bringing the reaction mixture to room temperature
- quenching the reaction mixture with 10% ammonium chloride and
- extracting with an organic solvent and
- evaporating the solvent to give 2, 5-di(trialkyl silyl) pyrrolidine-T-butyl carbamate of the formula (1) where R₃ represents any alkyl group such as methyl or ethyl.



(Complete Specification 7 pages;

Drawing 1 Sheet)

Ind. Cl. : 83 B3

180509

Int. Cl. : A23L 1/315.

METHOD OF PREPARING MUSTARD OIL BASED CHICKEN GIZZARD PICKLE.

Applicant : ASHOK KUMAR SACHDEV, RAM GOPAL AND SAHEB SINGH VERMA, CENTRAL AVIAN RESEARCH INSTITUTE, IZATNAGAR (U.P.)-243 122.

Inventors :

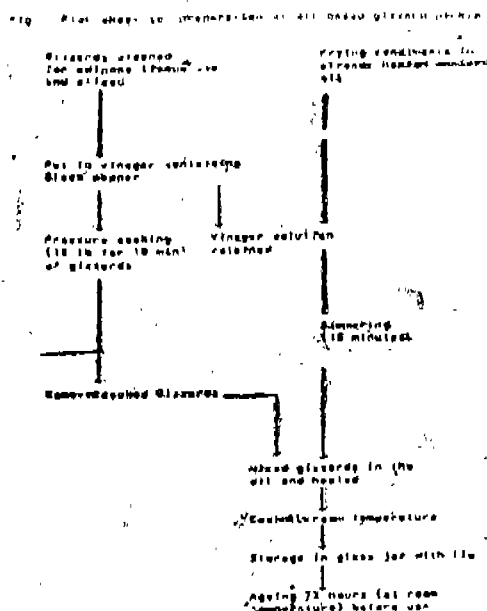
1. ASHOK KUMAR SACHDEV
2. RAM GOPAL
3. SAHEB SINGH VERMA.

Application for Patent No. 1294/Del/93 filed on 18-11-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

Method of preparing mustard oil based chicken gizzard pickle comprising cleaning and slicing of gizzards followed by dipping in vinegar water (1:1) solution, pressure cooking at 15 lb pressure for 10 minutes, adding calculated quantities of spices/condiments including table salt 3.8% sodium nitrite 0.02%, mono sodium glutamate 0.05%, red chilli powder 1.5%, black pepper 0.8%, canaway 0.3%, clove and cinnamon 0.1% each vinegar 19%, refined mustard oil 20% and peeled garlic 0.6% cooked in mustard oil and keeping for 72 hours to obtain mustard oil based chicken gizzard pickle.



(Compl. Specn. : 6 Pages;;)

Drwg. : 1 Sheet)

Ind. Cl. : C07D, 239/02,

180510

Int. Cl. : 32 F (2b).

AN IMPROVED PROCESS FOR THE PREPARATION OF PHOSPHOROTHIOIC ACID O-[2-(DIETHYLAMINO)-6-METHYL-4-PYRIMIDINYL] O, O-DIMETHYL ESTER.

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001.

Inventors :

1. UDAY TRIAMBAKRAJ BHALERAO.
2. PARVATHI NEELAKANTAN.
3. BHIMAPAKA CHINA RAJU.
4. BOMMENA VITAL RAO.
5. CHILUKURI RAMESH.

Application for Patent No. 067/Del/1994 filed on 20-01-1994.

Complete left after provisional filed on 18-01-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

7 Claims

An improved process for the preparation of phosphorothioic acid O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] O, O-dimethyl ester (pirimiphos methyl) which comprises reacting an aqueous solution of sodium salt of 2-diethylamino-4-hydroxy-6-methyl pyrimidine with dimethyl, thiophosphoryl chloride in a two phase system comprising of inert organic solvent and aqueous medium in presence of catalytic amount of conventional phase transfer catalyst selected from quaternary ammonium compound with or without a co-catalyst selected from tertiary amine such as herein described.

(Prov. Specn. 4 pages;

Drwg Nil)

(Compl. Specn. 11 pages;

Drwg. Nil)

Ind. Cl. : 189

180511

Int. Cl. : B 26 B 21/00.

SHAVING DEVICE.

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

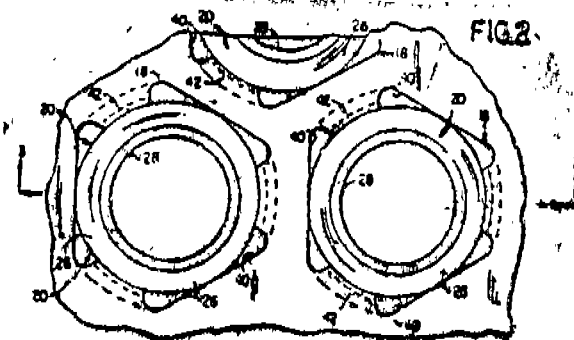
Inventor : RICHARD SAMUEL PESIRI.

Application for Patent No. 1110/Del/1990 filed on 8-11-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A shaving device (10) of the wet shave type comprising a support member (14) having a skin engaging surface (16) with a plurality of apertures (18) defined therein, each said aperture (18) for receiving a blade unit (20) having a substantially tubular upstanding body portion (24), an integral sharpened inwardly facing flange (26) at one end that has a continuous sharpened shaving edge (28), an integral outwardly extending flange (30) at the opposite end of said tubular body portion (24), said outwardly extending flange (30) engagable by depending latch structure (22), (52), (54) formed integrally with said support member (14) and aligned with each aperture (18), said support member (14) between the latch structure (22), (52), (54) and the skin engaging surface (16) receiving and guiding the body portions of said blade units (20) so that the latch structure (22), (52), (54) engages outwardly flanges (30) of the blade units (20) to secure said blade units (20) in said support member (14).



(Compl. Specn. 10 pages;

Drwngs. 3 sheets.)

Ind. Cl. : 9 D

180512

Int. Cl. : C22C 38/04.

A PROCESS FOR THE PRODUCTION OF FE-MN-AL ALLOYS FOR SOFT MAGNETIC APPLICATIONS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860) HEREBY DECLARE.

Inventors :

1. VENKATESH RAO
2. SUDHAKAR PRAMANIK
3. CHITTARANJAN TEWARI
4. OMKAR NATH MOHANTY.

Application for Patent No. 1204/Del/1990 filed on 30-11-1990.

Complete left after Provisional Specification on 27-12-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the production of Fe-Mn-Al alloy sheet for soft magnetic applications which comprises of (i) Melting Fe, Mn and Al with or without Ti in air induction furnace (ii) Casting the melt in cast iron moulds (iii) Forging the cast ingots at a temperature range of 1000—1100°C upto 8-10 mm thickness : (iv) Hot rolling the forged material at a temperature range of 900—1100°C from 8-10 mm to 2-3 mm thickness : (v) Pickling the hot rolled sheets in 10% sulphuric acid solution : (vi) Normalising at a temperature range of 1000—1100°C, if required : (vii) Giving a skin pass (between cold rolls) at room temperature for surface finishing.

(Compl. Specn. 7 pages;

Drwng. Nil)

Ind. Cl. : 32F3C

180513

Int. Cl. : C07C 35/00.

A PROCESS FOR PREPARING α -ALKYLCYCLOHEXYLOXY-B-ALKANOLS.

Applicant : KAO CORPORATION, A JAPANESE CORPORATION OF 1-14-10, NIHONBASHIKAYABA-CHO, CHUO-KU, TOKYO, JAPAN.

Inventors :

1. JUNJI KOSHINO
2. YOSHIKI FUJIKURA
3. NAO TOI
4. RIEKO YUKI
5. HAJIME MIYABE.

Application for Patent No. 565/Del/91 filed on 27-06-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

A process for preparing an α -(alkylcyclohexyloxy)-B-alkanol represented by formula (1) : wherein at least one of R1, R2, R3, R4 & R5 is the group wherein R9 & R10 are the same or different alkyl groups having 1 to 4 carbon atoms or are coupled with each other to form a cycloalkyl group, and R11 is a hydrogen atom or an alkyl group having 1 to 4 carbons or is a hydrogen atom when R9 & R10 form the cycloalkyl group, and the remaining R1, R2, R3, R4 & R5 groups are hydrogen atoms or methyl groups, and wherein R6, R7 & R8 are hydrogen atoms or the same or different alkyl groups having 1 to 6 carbon atoms which comprises the steps of reacting at a temperature of 30 to

200°C an alkylphenol or formula (4); wherein R1, R2, R3, R4 & R5 have the same meanings as defined above, with an epoxide of the formula (3) : wherein R6, R7 & R8 have the same meanings as defined above in the presence of a base of the kind described hereinbefore to obtain an α -(alkylphenyloxy)-B-alkanol of the formula (5) : wherein R1 to R8 respectively have the same meanings as defined above; and then hydrogenating at a temperature of 50 to 300°C the α -(alkylphenyloxy)-B-alkanol in the presence of metal catalyst of the kind such as hereinbefore described to obtain α -(alkylcyclohexyloxy)-B-alkanol.

(Compl. Specn. 34 pages;

Drwng. Nil.)

Ind. Cl. : 39 (O)

180514

Int. Cl. : C 101 B, 33/28.

A PROCESS FOR THE PREPARATION OF NOVEL CRYSTALLINE GALLOSILICATES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA.

Inventors :

1. PAUL RATNASAMY
2. VASUDEO PANDURANG SHIRALKAR
3. K. SATYANARAYANA REDDY
4. M. J. EAPEN.

Application for Patent No. 572/Del/1991 filed on 27-06-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of novel crystalline gallosilicates having in the anhydrous form in terms of molar ratio of oxides of formula :



Where M represents monovalent cation consisting of alkali metal, ammonium and hydrogen or mixture thereof and R is anorganic quaternary ammonium cation in admixture with or without ammonium hydroxide, the said crystalline gallosilicates being characterized in that its X-ray powder diffraction pattern includes, inter alia, the reflections given in Table-1, as herein described and its infrared absorption spectra includes, inter alia, the absorption frequencies in Table-2 as herein described which comprises preparing a gel by reacting of alkali metal, gallium, silicon and an organic quaternary ammonium cation and water in the presence or absence of ammonium hydroxide, heating the resulting gel at a temperature of 100—160°C for 4 to 30 days in the autoclave cooling to room temperature and filtering washing and then drying the solid gel at a temperature in the range of 100—110°C to obtain a crystalline gallosilicate where M represents predominantly an alkali metal subjecting the said gallosilicate to conventional ion exchange with an aqueous solution of an ammonium salt to obtain a crystalline gallosilicate where M represents predominantly ammonium cation, finally calcining the resultant gallosilicate by heating at a temperature in the range of 400—450°C to get said crystalline gallosilicate where M is mainly hydrogen.

(Compl. Specn. 20 pages;

Drwng. Nil)

Ind. Cl. : A-1C

180515

Int. Cl. : A47J 31/00.

A PROCESS FOR THE PREPARATION OF SWEET BEVERAGE.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA.

Inventors .

1. HARPER HEATHER JEAN
2. HENRY WILLIAM JOHN
3. MOHLENKAMP MARVIN JOSEPH
4. SWAINE ROBERT LESLIE
5. FISCHER CHRISTIA MARIA
6. ROMER KARIN.

Application for Patent No. 180/Del/1994 filed on 16-02-1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of sweet bevarage comprising :

- (a) extraction of the juice from the botanical genus/species *Siraita grosvenorii*, *Siraita siamensis*, *Siraita silomadaradise*, *Siraita sikkimensis*, *Siraita Affricana*, *Siraita dorneensis*, *Siraita taiwaniana* or mixtures thereof by meshing the fruits in a pulverizer in an oxygen restricted atmosphere,
- (b) separating the peels and seeds from the juice by screening having mesh size of 0.5-6.5mm;
- (c) removing off-flavour precursors from the juice as herein described, including sulfur-containing amino acids, peptide and protein materials

(Compl. Specn. 28 pages;

Drwng. Nil)

Ind. Cl. : 32F -3b
55E 4

180516

Int. Cl. : C07C - 51/00
A61K - 31/00.

A PROCESS FOR THE ISOLATION OF A FRACTION CONTAINING A MIXTURE OF BOSWELLIC ACID COMPRISING MAINLY SIX TRITERPENOIC ACIDS NAMELY B-BOSWELLIC ACIDS (3-ALPHA-HYDROXY-URS-12-ENE-24-OIC ACID) DERIVATIVES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001. INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors .

1. SUBHASH CHANDRA TANEJA
2. VIJAY KUMAR SETHI
3. KANAYA LAL DHAR
4. RANDHIR SINGH KAPIL.

Application for Patent No. 593/Del/1994 filed on 13-05-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

8 Claims

A process for the isolation of a fraction containing a mixture of boswellic acids comprising mainly 6 triterpenoic acids namely B-Boswellic acid (3a-hydroxy urs-12-ene-24-oic acid) derivatives of the formula 1 to 6 shown in the drawings accompanying this specification from the gum resin of *Boswellia serrata* which comprises :

- (a) crushing the lumps of the gum resin of *Boswellia serrata* and extracting with a polar solvent,
- (b) separating the insoluble materials by known methods such as here in described,

2-457 G1/97

(c) concentrating in vacuo the extracts till a reddish brown syrupy mass is obtained,

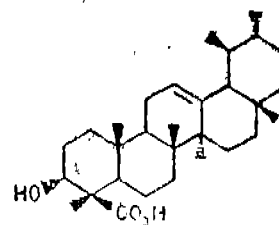
(d) basifying the syrupy mass with an aqueous solution of an alkali to attain the pH in the range of 9 to 10,

(e) extracting the solution with chlorinated or nonpolar solvent and acidifying the aqueous layer with mineral acid to a pH in the range of 3-5,

(f) separating or centrifuging the precipitated mixture of boswellic acids of the formula 1 to 6 and other unidentified compounds by known methods such as here in described.

(g) washing the separated precipitated mixture several times with water till neutral to litmus, and

(h) drying the said resultant fraction containing mixture of boswellic acid of formulae 1 to 6 and other unidentified compounds.



(1)

(Compl. Specn. 23 pages;

Drwng. 1 sheet.)

Ind. Cl. : 55D1

180517

Int. Cl. : A01N 25/02.

A PROCESS FOR THE PREPARATION OF A NEW BIOPESTICIDE FORMULATION FOR THE EFFECTIVE CONTROL OF PESTS PARTICULARLY TEAK DEFOLIATOR AND EPILACHNA BEETLE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors .

1. JANASWAMY MADHUSUDANA RAO
2. POTTANAKUNNEL BALAKRISHNA SANTOSH-BABU
3. BEENA JOY.

Application for Patent No. 637/Del/94 filed on 20-05-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the preparation of a new Biopesticide formulation for the effective control of pests particularly Teak Defoliator and Epilachna beetle which comprises extracting the powdered leaves and seeds of *Annona suamosa* with a solvent such as petroleum ether in soxhlet extractor, then refluxing the resultant powder with an organic solvent such as chloroform and distilling of the said solvent to get the residue, mixing the said residue with known emulsifying agent in presence of acetone.

(Compl. Specn. 7 pages;

Drwng. Nil Sheet.)

Ind. Cl. : 55E1

180518

Int. Cl. : A 61K-45/00.

A PROCESS FOR THE EXTRACTION OF A FRACTION, MAINLY CONTAINING WEAKLY ACIDIC POLYSACCHARIDES POSSESSING HIGH ADAPTogenic ACTIVITY FROM THE PLANT W. SOMNIFERA.

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA.

Inventors

1. KAMLESH KUMAR BHUTANI
2. DEVINDER KUMAR GUPTA
3. RANDHIR SINGH KAPIL
4. BHUPINDER SINGH JAGGI
5. KEWAL KRISHEN ANAND.

Application for Patent No. 639/Del/1994 filed on 20-5-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

1. A process for the extraction of a fraction, mainly containing weakly acidic polysaccharides possessing high adaptogenic activity from the plant with in a somnifera which comprises :

- (i) preparing a marc if desired, by extracting the powder of the parts of plant W. somnifera with a mixture of polar solvent from the marc, preparing aqueous extract from the said powder, or its marc so obtained.
- (ii) separating the residue & treating the supernatant with polar solvent or a mixture of organic polar solvents to form an aqueous layer and a solvent-layer,
- (iii) concentrating the said aqueous carbohydrate rich layer,
- (iv) subjecting the concentrated aqueous portion to gel filtration, affinity chromatography to get the fraction containing weakly acidic polysaccharides having mol. mass in the range of 1200 to 5000 daltons,
- (v) dialysing the said fraction for effective concentration of the said polysaccharides in the fraction if desired.

(Compl. Specn. 9 pages;

Drwng Nil sheet.)

Ind. Cl. : 39E

180519

Int. Cl. : C01F, 11/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF HYDROXY APATITE POWDER USEFUL FOR BIOMEDICAL APPLICATION.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAJ MARG, NEW DELHI-110001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors

1. MITHLESH KUMAR
2. PARTHA SARATHI
3. DEBABRATA BASU
4. SANDIP KUMAR CHATTOPADHYAY
5. MANOJ KUMAR BASU.

Application for Patent No. 693/Del/1994 filed on 2-06-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of hydroxyapatite powder useful for biomedical application which comprises :

- (1) dispersing 1.0 to 1.5 mol calcium hydroxide in distilled water,
- (2) stirring vigorously the resulting suspension and adding 0.6 to 0.9 mol ortho-phosphoric acid solution dropwise while maintaining the pH alkaline in the range of 10-11,
- (3) maintaining the temperature in the range of 30°C to 80°C,
- (4) allowing the gelatinous precipitate formed to age by keeping it for a period ranging from 20 to 30 hrs,
- (5) separating the aged gelatinous precipitate and washing it with distilled water,
- (6) drying the precipitate (residue/cake) at a temperature in the range of 65°C to 75°C and
- (7) calcining the dried powder at a temperature in the range of 750°C to 850°C for a period in the range of 2-4 hrs.

(Compl. Specn. 13 pages;

Drwngs, 2 sheets.)

Ind. Cl. : 55 E 4

180520

Int. Cl. : A 61 K 35/78.

A PROCESS OF PREPARING AN AYURVEDIC COMPOSITION FOR THE PROPHYLAXIS AND TREATMENT OF AIDS, FLU, TB AND OTHER IMMUNODEFICIENCIES.

Applicant & Inventor : SURENDRA ROHATGI, AN INDIAN CITIZEN OF 16/78 CIVIL LINES, KANPUR, INDIA.

Application for Patent No. 790/Del/94 filed on 24-06-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process of preparing an Ayurvedic composition for the prophylaxis and treatment of AIDS, FLU, TB and other Immuno-deficiencies comprising :

- (a) separately pulverizing the following amounts of dried plant material to make LIVZON consisting essentially of :

Phyllanthus niruri	292—310Mg.
Tinospora cordifolia	190—210Mg.
Phyllanthus emblica	90—110Mg.
Terminalia bellerica	90—110Mg.

IMMINEX consisting essentially of :

Holarrhena antidysenterica	40—60Mg.
Picrorhiza kurroon	40—60Mg. and
Swertia chirata	15—35Mg.

- (b) preparing separate distilled water extracts of said separately pulverized dried plant material in step (a);
- (c) mixing said distilled water extracts of step (b) to form a mixture; and
- (d) preparing a pharmaceutical formulation comprising the mixture of step (c).

(Compl. Specn. 7 pages;

Drng. Nil.)

Ind. Class : 123

180521

Int. Cl.⁴ : C 05 G 5/00.

A PROCESS FOR THE PREPARATION OF A FERTILISER FOR THE SLOW RELEASE OF NUTRIENTS THEREFROM.

Applicant : THE FERTILISERS AND CHEMICALS TRAVANCORE LTD., UDYOGAMANDAL, COCHIN-683 501, KERALA, INDIA, A BODY CORPORATE DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :

1. AYYAGARI PRABHAKARA ROA
2. KRISHNA PILAI SASI
3. METHIL UNNIKRISHNAN
4. KOTTIPPALLIL HOUSE GOVINDA MENON UNNIKRISHNAN
5. NARAYANAN NAIR MURALIDHARAN NAIR.

Application No. 139/Mas/92 dated March 9, 1992.

Complete Specification left : June 9, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

2 Claims

A process for the preparation of a fertiliser for the slow release of nutrients therefrom comprising the steps of mixing formaldehyde with a fertiliser containing nitrogen/phosphorous/potassium to yield the desired grade characterised by mixing therewith a binding/inhibiting agent selected from molten wax, molasses, dextrose solution, coal tar, pitch and thoroughly blending the same; charging the said blend into a tableting/extrusion machine to obtain the said fertiliser in tableted/extruded form.

(Prov. Specn. 5 pages)

(Compl. Specn. 5 pages)

Ind. Cl. : 136 J

180522

Int. Cl.⁴ : B 28 B 7/00.

A MOULD FOR MAKING CERAMIC TILES HAVING A RE-ENTRANT GROOVE IN THE REVERSE FACE FOR MECHANICAL FIXING PURPOSES AND A CERAMIC TILE THEREOF.

Applicant : NASSETTI ETTORE S.p.A., A COMPANY ORGANISED UNDER THE LAWS OF ITALY, OF VIA LEONARDO DA VINCI 283/285, 20090 TREZZANO SUL NAVIGLIO, MILANO, ITALY.

Inventor : ROBERTO NASSETTI.

Application No. 148/Mas/1992 filed on 11th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

9 Claims

A mould for making ceramic tiles having a re-entrant groove in the reverse face for mechanical fixing purposes, said mold comprising a die box (4), having an upwardly directed surface matched to the periphery of the bottom surface of a top die (2) and capable of movement through a vertical direction, and a bottom die (3) encompassed laterally by fillets (8) applied to the relative internal side walls of the die box (4), characterized in that the bottom die (3) comprises a die plate (10), preferably of undulated profile, defining the shape of the downward facing side of the tile, said die plate (10) being slidably accommodated between the side walls of the die box (4) and being capable of movement in a vertical direction, in conjunction with at least one horizontally disposed longitudinal insert (21a, 22b) projecting upward from the die plate (10) and embodied with a longitudinal shaping element uppermost that project outward on one or both sides; said at least one horizontally

disposed longitudinal insert (21a, 22b) is moved downward in relation to the die plate (10) during the forcing stroke by means of a pair of fluid power cylinders (20) having rods (19) associated the ends of a supporting cross member (18), form which a plurality of columns (21, 22a) carrying said at least one longitudinal insert (21a, 22b) extend upward passing through holes afforded by a bottom die block (11).

(Compl. Specn. 22 pages;

Drawngs, 10 sheets.)

Ind. Cl. : 172 D 7

180523

Int. Cl.⁴ : B 65 H-51/04.

AN IMPROVED YARN FEEDING DRUM.

Applicant : JEN-FU CHEN A CITIZEN OF THE REPUBLIC OF CHINA OF 20, LANE 13, CHIN-SHAN S. ROAD, SEC. 2, TAIPEI, TAIWAN, R.O.C.

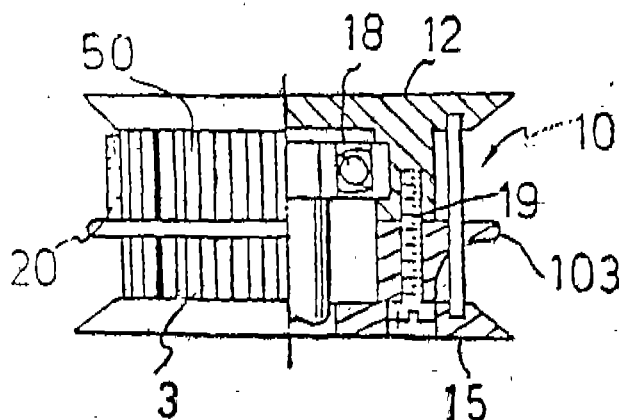
Inventors : JEN-FU CHEN.

Application No. 187/Mas/92 filed on 25th March, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

3 Claims

An improved yarn feeding drum comprising : an upper cover; a lower cover; and a drum body having a circumferential surface disposed between said upper and lower covers, said surface having a first yarn feeding area pressed by a driving belt and a second non-yarn feeding area not pressed by the driving belt, wherein a flange extends outwards from a lower edge portion of said first yarn feeding area of said circumferential surface so as to guide and limit the yarn and driving belt to operate between a lower edge of said upper edge of said flange for restoring accidentally displaced yarn or driving belt to its correct position



(Compl. Specn. 14 pages;

Drawngs, 4 sheets.)

Ind. Cl. : 35 E

180524

Int. Cl.⁴ : C 04 B 35/04.

A METHOD OF MAKING A REFRACTORY ARTICLE.

Applicant : BOPDEN CHEMICAL, INC., A CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 180 EAST BROAD STREET, COLUMBUS, OHIO-43215, USA.

Inventor : ARTHUR HARRY GERBER.

Application No. 190/Mas/92 filed on 26th March 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

21 Claims

A method of making a refractory article comprising mixing A. particulate refractory material selected from dead-burned magnesite and hardburned magnesite; B. a curable phenolic resin solution selected from the group consisting of a novolac, a resole having a pH of about 4.5 to 9.5 and a viscosity of about 100 to 10,000 cps (0.1 to 10 Pas) at 25°C, and mixtures thereof, the quantity of said resin being sufficient to bind that aggregate on thermal curing of the resin and C. a retarder compound in an amount sufficient to retard the ambient temperature hardening of said mixture, said retarder being a compound selected from the group consisting of: a. a compound which provides an aspartate, bifluoride, citrate, fluoride, malate, oxalate, tartrate, phosphate or phosphonate, anion to the mixture; and b. a tetraalkoxy silane having from 1 to 3 carbon atoms in each alkoxy group, a partially hydrolysed tetraalkoxy silane having from 1 to 3 carbon atoms in each alkoxy group, 2-chlorophenol, 4-chlorophenol, 2-hydroxyacetophenone and 4-hydroxyacetophenone; and mixtures of the foregoing retarders; by forming the said mixture into a desired shape and allowing the shaped mixture to harden.

(Compl. Specn. 62 pages; Drawings. sheets.)

Ind. Cl. : 150 A

180525

Int. Cl.⁴ : F 16 L 43/00.

A 90° BEND FOR FLUID CONVEYOR LINES.

Applicant : WAESCHLE MASCHINENFABRIK GmbH
KANALSTRASSE 55 7980 RAVENSBURG, BUNDESREPUBLIK DEUTSCHLAND A GERMAN COMPANY.

Inventors :

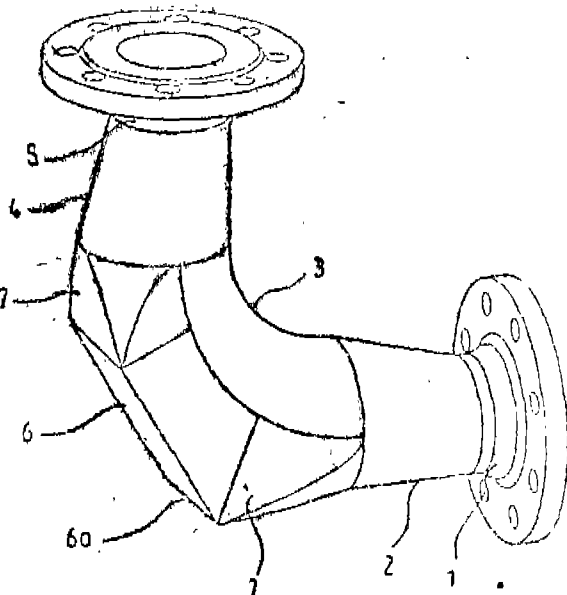
1. DIPL.-ING. ROBERT STROF
2. DIPL.-ING. KLAUS-PETER LANG.

Application No. 191/Mas/92 filed on 26th March 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

7 Claims

A 90° bend for fluid conveyor lines having a first pipe connector opening into and a second pipe connector opening out of a portion of widened cross-section, wherein the first pipe connector is connected to a first pipe portion of which the half shell on the inside of the bend widens out conically; said half shell is connected to the quarter-circle shaped half shell; the quarter-circle shaped half shell is followed by the cylindrical half shell of a second pipe portion of which the half shell on the outside of the bend is conical; the part of the pipe bend which is on the outside of the bend, between the first and second pipe portions, has a baffle plate which subtends an angle of between about 55° and 65° relative to the axis of the first pipe connector.



(Compl. Specn. 13 pages;

Drawings. 3 sheets.)

Ind. Cl.⁴ : B 66 B 11/02.

180526

Ind. Cl. : 116 G

AN ILLUMINATION EQUIPMENT FOR THE PASSENGER SPACE OF A LIFT CAGE.

Applicant : INVENTIO AG, A SWISS COMPANY, OF SEESTRASSE 55 CH-6052 HERGISWILL NW SWITZERLAND.

Inventors :

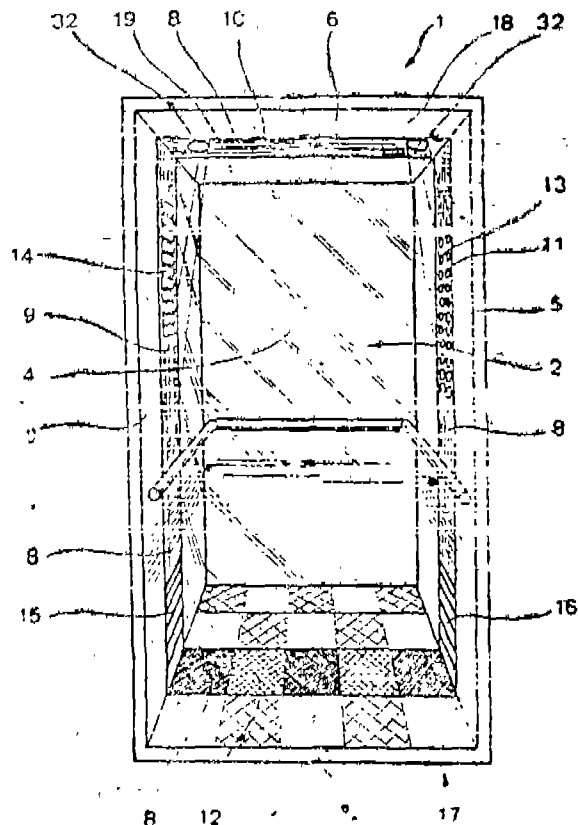
1. B. SOMMERROCK
2. R. GUNTHER.

Application No. 192/Mas/92 filed on 27-03-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

Illumination equipment for the passenger space (2) of a lift cage (1), with translucent filling elements (18, 19), arranged in a ceiling frame (20) underneath a ceiling (6) of the lift cage (1) and with at least one light source (24) fastened at the ceiling (6) between these filling elements (18, 19) and the ceiling (6), characterized thereby, that a non-translucent middle ceiling strip (10) is arranged to be tiltable away and arrestable at the ceiling (6) of the lift cage (1), that the light source (24) is fastened at the ceiling (6) of the lift cage (1) behind this middle ceiling strip (10) and that at least one point source of light (32), to illuminate a middle strip (8, 9) extending in alignment with the middle ceiling strip (10) of a side wall (3, 4) is arranged in the middle ceiling strip (10).



(Compl. Specn. 10 pages;

Drawings. 3 sheets.)

Ind. Cl. : 150-G

180527

Int. Cl.⁷ : F 16 I, 51/00.

PIPELINE COMPENSATOR.

Applicants : MAN GUTENHOFFNUNGSHUTTE AKTIENGESELLSCHAFT, A GERMAN CORPORATION, OF BAHNOFSTR. 66, 4200 OBERHAUSEN 11

and

STEINFURTER EISENWERK GMBH, MASCHINEN-UND ANLAGENBAU, A GERMAN CORPORATION, SONNENSCHEN 8, 4430 STEINFURT/WESEF.

Inventors :

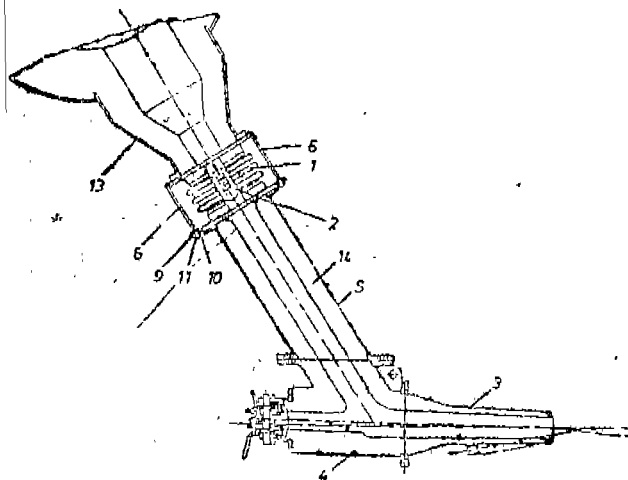
1. DIPL. ING. BRUNO KAMMERLING
2. DIPL. ING. RAINER SCHMIDT.

Application No. 193/Mas/92 filed on 27th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

Pipeline compensator with over-tensioning, on one side of which two cover plates are secured which transmit the transverse forces via a transverse bolt and a sliding block to a cover plate secured on the opposite side, characterised in that a locking device is provided; in that between the two compensator flanges (7, 8) there is disposed at least one flat bar (6) which is provided with a recess (12) and which is secured on one side to one of the compensator flanges (7, 8) in a manner such that it is resistant to bending; in that a threaded bolt (9) is secured on the opposite flange (8, 7) in each case; in that the threaded bolt (9) engages the recess (12) in the flat bar (6); and in that the flat bar (6) is connected to the threaded bolt (9) in a frictionally engaged manner by means of a nut (10) and conternut (11) for locking purposes.



(Compl. Specn. 8 pages;

Drawngs. 2 sheets.)

Ind. Cl. : 32 F 2 B

180528

Int. Cl.⁷ : C 07 D 211/00

PROCESS FOR PREPARING HINDERED AMINE LIGHT STABILIZERS.

Applicant : HIMONT INCORPORATED, A DELAWARE CORPORATION, OF 2801 CENTERVILLE ROAD, P. O. BOX 15439, WINNINGTON, DELAWARE 19850-5439 U.S.A.

Inventors :

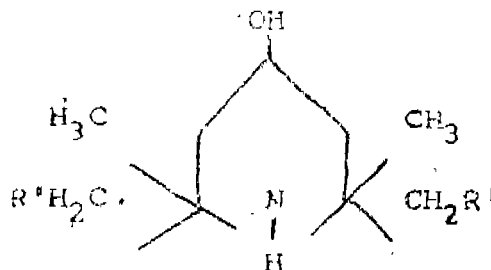
- (1) GLEASON O. COOKSON
- (2) VU A. DANG
- (3) KRISHNA RAMAN.

Application No. 195/Mas/92 filed on 30th March 1992.

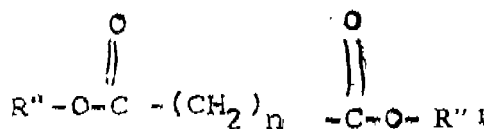
Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A process for preparing hindered amine light stabilizers comprising reacting (a) an alkyl substituted-4-hydroxypiperidine having the following general formula :



where R' is hydrogen or methyl, with (b) a dicarboxylic acid ester of the formula



where R'' and R''' are a C₁-C₄ linear or branched alkyl, a C₆-C₁₂ cycloalkyl, a C₆-C₁₂ aryl or a C₇-C₁₂ alkaryl or aralkyl and may be the same or different, and n is a number from 1 to 12, in the presence of a catalyst system comprising a polar aprotic organic compound, such as herein described and basic inorganic compound, such as herein described, at a temperature from 80° to 165°C and under vacuum or under a flow of an inert gas at atmospheric pressure, wherein the alkyl substituted-4-hydroxypiperidine is present in an amount of from 2 to 3.2 moles per mole of dicarboxylic acid ester.

(Com. 14 pages.)

Ind. Cl. : 40 B

180529

Int. Cl.⁷ : B 01 J 23/00

A PROCESS FOR PRODUCING A CATALYST.

Applicant : UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF 39 OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT-06817, UNITED STATES OF AMERICA.

Inventor : (1) WILLIAM J. BARTLEY.

Application No. 196/Mas/1992 file on 30th March, 1992.

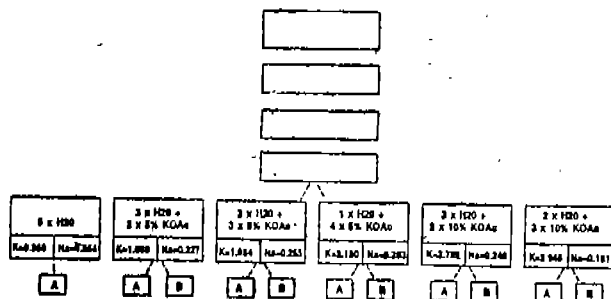
Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for producing a catalyst useful in catalyzing the reaction of an alkene, an alkanolic acid and an oxygen-containing gas to produce an alkenyl and comprising support particles which are capable of exchanging cations and which are impregnated with palladium, gold and a potassium promoter selected from the group consisting of potassium alkanoates and any potassium compound that is converted to a potassium alkanoate during said reaction, said process comprising the steps of :

- (a) impregnating the support particles with aqueous solutions of water-soluble palladium and gold compounds.

- (b) precipitating water-insoluble palladium and gold compounds on to the support particles from such solutions using a precipitating agent;
- (c) converting the precipitated water-insoluble palladium and gold compounds to palladium and gold on the support particles using a reducing agent and
- (d) washing the impregnated support with water,
- (e) drying the washed impregnated support,
- (f) further impregnating the support particles with said potassium promoter,
- (g) drying the support so impregnated to produce a dried catalyst containing sodium owing to the presence of sodium in one or more of the material used in steps (a) to (f),
- (h) washing the dried catalyst with water or with an aqueous solution containing said potassium promoter so as to reduce the amount of sodium in the catalyst and thereby to increase the activity of the catalyst, and
- (i) drying the catalyst.



(Com. Specn. 93 Pages;

Drwg. 4 Sheets)

Ind. Cl. : 131-A2

180530

Int. Cl.⁴ : E 03 B 3/02, 3/08.

A SELF-FILLING STORAGE WATER RESERVOIR CONNECTED TO A WELL.

Applicant & Inventor : AYMANATHUPARAMPIL MATH-
EN KURUVILLA, PAMPADY P.O. - 686 502, KOTTAYAM
DISTRICT, KERALA, AN INDIAN CITIZEN.

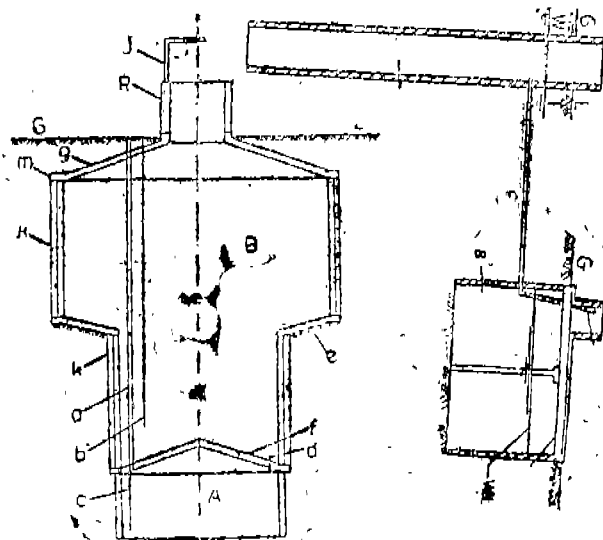
Application and Provisional Specification No. 197/Mas/
92 dated 31st March, 1992.

Complete Specification left : June 15, 1993.

Appropriate Office for Oppositions Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.

10. Claims

A self-filling storage water reservoir connected to a well comprising at least one substantially leak-proof and impermeable reservoir, provided with at least one inlet means and at least one outlet means, the said inlet means connected to the said well by at least one means for unidirectional flow of water, to allow water inflow to the said reservoir during rainy season, to conserve and store surplus water therein.



(Prov. 22 pages;
(Comp. Specn. 10 pages;

Drwg. 9 Sheets.)

Ind. Cl. : 33 H

180531

Int. Cl.⁴ : B 22 C 9/00

AN IMPROVED METHOD OF PRODUCING STEEL ARTICLES BY CONTINUOUS CASTING.

Applicant : TECHMETAL PROMOTION, A FRENCH
BODY CORPORATE OF VOIE ROMAINE, 57210 MAI-
ZIERES-LES-METZ FRANCE.

Inventors :

(1) ANDRE KLEIN

(2) MANFRED MICHAEL WOLF.

Application No. 199/Mas/1992 filed on 31st March
1992.

Appropriate Office for Oppositions Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

An improved method of producing steel articles by continuous casting, the improvement comprising on detecting occurrence of skin sticking in the mould, decelerating the withdrawal speed to a reduced speed from the cruising speed, holding the withdrawal speed constant for healing and then increasing the withdrawal speed to the cruising speed by accelerating the withdrawal speed wherein the gradient of deceleration (D) from the cruising speed and/or the gradient of acceleration (A) to the cruising speed are maintained as a function of the ferritic potential of the steel being cast.

(Com. Specn. 17 pages;

Drwg. 2 sheets)

Ind. Cl. : 53 C

180532

Int. Cl.⁴ : B 62 K 23/00

REAR DERAILEUR FOR A BICYCLE GEAR-CHANGE MECHANISM.

Applicant : MARELMO S N C., AN ITALIAN COM-
PANY OF VIA A PEYRON 25, 10143 TORINO ITALY.

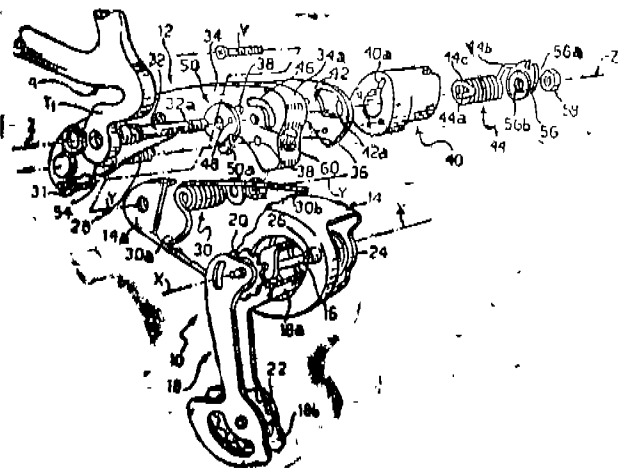
Inventor : MARCHIGIANO GIORGIO.

Application No. 200/Mas/92 dated 31st March 1992.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A rear derailleur for a bicycle gear-change mechanism, for controlling the derailing of the bicycle chain onto a series of pinions of increasing diameter carried by the rear hub of the bicycle, the derailleur comprising a support member mounted on the bicycle frame, a body articulated to the support member about an axis substantially parallel to the axis of the rear hub of the bicycle, a rocker arm carrying transmission sprockets for the chain, mounted on the body of the derailleur so as to be slidable along an axis substantially parallel to the axis of the rear hub of the bicycle and being rotatable about the axis relative to the body, means for driving the translation of the rocker arm along the said axis towards an extreme position corresponding to the meshing of the chain with the largest diameter pinion, a conical helical spring interposed between the rocker arm and the body and arranged to bias the rocker arm towards the extreme position corresponding to the meshing of the chain with the smallest diameter pinion and to rotate the rocker arm about the said axis in the sense corresponding to the tensioning of the chain resilient means interposed between the support member and the body of the derailleur for biasing the body towards a position in which the transmission sprockets are closest to the pinions, the said support member (12) is articulated to the frame (T) of the bicycle about an axis (Z-Z) substantially parallel to the axis of the rear hub, auxiliary resilient means (44) being interposed between the frame (T) and the support member (12) for biasing the support member (12) to rotate towards a configuration in which the chain (C) is tensioned.



(Com. 14 Pages;

Drawings 2 Sheets)

Ind. Cl. 131 A-1

180533

Int. Cl. : E 21 B 33/00; 33/04

A WELL TOOL FOR PROTECTING THE BORE OF A WELLHEAD.

Applicant : FMS CORPORATION, A DELAWARE CORPORATION, OF 200 EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS 60601, USA.

Inventor : BASHIR MOHAMMAD KOLEILAT.

Application No. 206/Mas/92 filed on 2nd April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

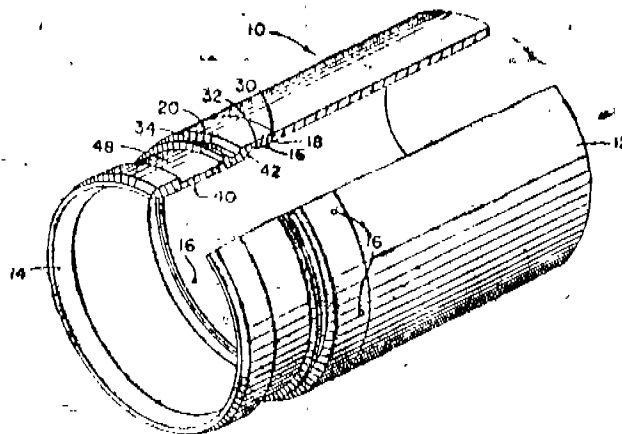
8 Claims

A well tool for protecting the bore of a wellhead and for providing a seat in the wellhead to support a pipe hanger therein, said tool comprising an assembly of :

- (a) an elongated, sleeve-like bowl protector having means for connection to a pipe string for running said protector into and retrieving it from a wellhead;

- (b) an annular false bowl having support means on its outer surface for cooperation with an annular seat in a wellhead bore to support said false bowl in said bore, and seat means on the inner surface of said false bowl for supporting a pipe hanger thereon; and
- (c) means releasably connecting the bowl protector to the false bowl and being releasable upon exertion of a predetermined axial force on the bowl protector while the false bowl is held stationary.

A well tool for protecting the bore of a wellhead and for providing a seat in the wellhead to support a pipe hanger therein, substantially as hereinabove described and illustrated with reference to the accompanying drawings.



(Com. 10 Pages;

Drwgs. 3 Sheets)

Ind. Cl. : 131 E

180534

Int. Cl. : F 16 B 7/08

A SUPPORTED BUNDLE OF PLURALITY OF LONG TUBULAR MEMBERS.

Applicant : TOYO ENGINEERING CORPORATION, 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN, A JAPANESE CORPORATION.

Inventor : KIYOSHI NAKAO.

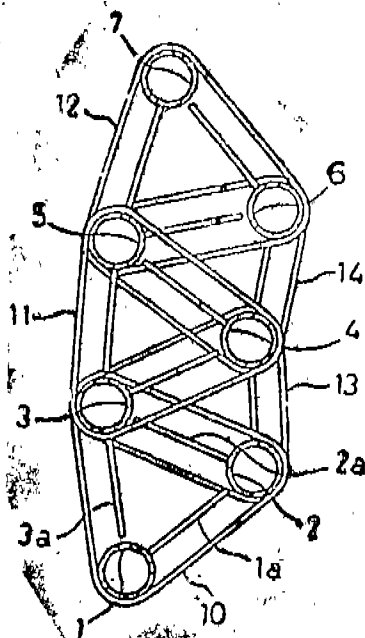
Application No. 211/Mas/92 filed on 6th April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Chennai.

10 Claims

A supported bundle of plurality of long tubular members located with spacing between them and fixed preventing rotation about their own axes comprising plurality of spacers secured to the side of each tubular member extending from the side of one tubular member to the side of another tubular member and located between adjacent tubular members, the said tubular members with spacers between them

being divided into groups of predetermined number of tubular members and at least one band firmly wound around the said tubular members in each group.



(Comp. 21 pages;

Drwgs. 5 sheets)

Ind. Cl. : 116 B.G.H.

180535

Int. Cl. : B 66 C 13/52

SWING LOCK MECHANISM FOR A CRANE.

Applicant : THE MANITOWOC COMPANY, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF WISCONSIN, U.S.A. OF 500 SOUTH 16TH STREET, MANITOWOC, WISCONSIN 54221-0066, U S A.

Inventor : DAVID PECH.

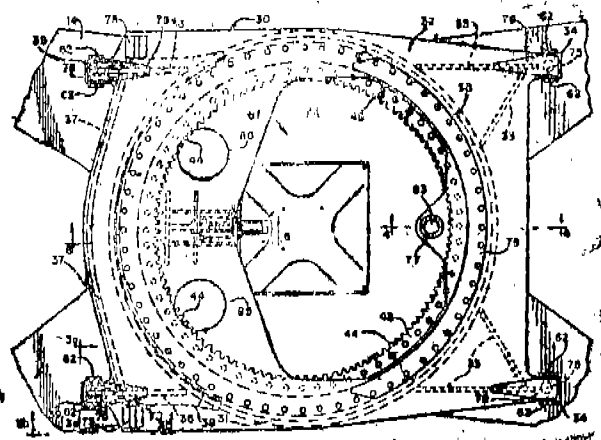
Application No. 209/Mas/92 filed on 3rd April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Chennai.

10 Claims

A swing lock mechanism for a crane having an upper works, a lower works, and a swing bearing connecting the upper works and the lower works so as to allow the upper works to be rotatable with respect to the lower works, the lower works further comprising a gear with teeth thereon for use in causing rotation of the upper works; the swing lock mechanism comprising :

- a swing lock segment comprising teeth adapted to intermesh with said gear teeth when the swing lock segment is in an engaged position,
- a piston actuatably mounted in a cylinder, the cylinder being secured to the upper works and the piston being connected to said swing lock segment so as to move said swing lock segment into and out of said engagement piston upon actuation of the piston and cylinder, and
- a connector link connected to said swing lock segment, said connector link having a means for rigidly holding said swing lock segment in its engaged position to thereby prevent the swing lock segment from disengagement when resisting a swing torque.



(Com. 19 pages;

Drwgs. 7 sheets)

Ind. Cl. : 158 E3

180536

Int. Cl. : B 61 F 5/08

AN IMPROVED RAIL CAR TRUCK SIDE BEARING.

Applicant : AMSTED INDUSTRIES INCORPORATED, OF 44TH FLOOR, BOULEVARD TOWERS SOUTH, 205 N MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601, U S A; A U S COMPANY.

Inventors :

(1) CHARLES P SPENCER

(2) TERRY L PITCHFORD.

Application No. 214/Mas/92 filed on 7th April 1992.

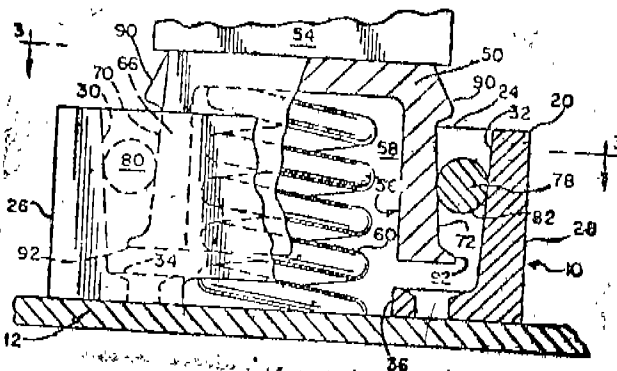
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Chennai.

21 Claims

An improved railcar truck side bearing, comprising :
a base member having a bottom for attachment to the upper surface of a truck bolster, said base member also having at least one upstanding end wall;

a cap member mounted for vertical movement with respect to said base, said cap member having at least one depending end portion spaced from said upstanding end wall of said base member; opposing surfaces on each of said end portion and end wall and at least one of said opposing surfaces being inclined with respect to the other of said opposing surfaces so as to converge toward said bottom of said base member;

spacing means for maintaining said opposing surfaces separated, said means being positioned between said end wall and said end portion and being moveable with respect to said opposing surfaces as said cap member moves with respect to said base; and a biasing member under said cap member to urge said cap member upwardly of said base member.



(Com. 13 pages;

Drwgs. 2 sheets)

Ind. Cl. : No. 150 G.

180537

Int. Cl. : F 16 1 55/10.

DEVICE FOR CLOSING OFF LARGE PIPELINES.

Applicant : MANNESMANN AKTIENGESSELLSCHAFT, OF MANNESMANNUFER 2, D-4000 DUSSELDORF 1 GERMANY, A GERMAN COMPANY.

Inventors : ING. HANS-JURGEN JANICH.

Application No. 215/Mas/92, Filed on 7th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Chennai.

Claims 9

A Device for closing off a pipeline having a central channel and a pivoted flap rotatably mounted within the central channel of the pipeline and shaped so as to be able to close off the central channel of the pipeline, comprising :

A flap shaft (2) fixedly connected to the pivoted flap and rotatably mounted on the pipeline and extending out of the pipeline, said flap shaft (2) having a longitudinal axis; an intermediate connecting element (12, 13) connected to said flap shaft (2); a swing lever (4) connected to said intermediate connecting element (12, 13) so that said swing lever (4) is movable in a plane perpendicular to said longitudinal axis of said flap shaft (2), said swing lever (4) having two swing arms (4a, 4b); and an actuating element (5) pivotally connected to at least one of said two arms (4a, 4b) of said swing lever (4).

Comp. : 13 Pages,

Drawings 05 Sheets.

Ind. Cl. : 27 I

180538

Int. Cl. : B 01 F 5/00.

A MIXING SILO.

Applicant : WAESCHLE MASCHINENFABRIK GMBH, OF KANALSTRASSE 55, 7980 RAVENSBURG, GERMANY.

Inventors : DIPL. - ING ROBERT STORF and DIPL.-ING NORBERT WOHNHAS.

Application No. 216/Mas/92, Filed on 8th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Chennai.

Claims 10

A Mixing silo comprising a silo container having a conical bottom which terminates at a central container outlet wherein, installed in the bottom region, is a hopper which narrows towards the container outlet and whose longitudinal axis coincides with the centre line of the silo container and whose interior is divided by sheet metal segments extending from the hopper casing to the longitudinal axis of the hopper, into a plurality of chambers which occur in succession in the peripheral direction, in such a way that respectively adjacent chambers are of intake and/or outlet cross sections of different sizes.

Comp. Specn. 17 Pages,

Drawings 09 Sheets

Ind. Cl. : 131 A1

180539

Int. Cl. : E 21 B 33/00.

A METAL SEAL DEVICE FOR PROVIDING A FLUID PRESSURE METAL-TO-METAL SEAL.

Applicant : FMC CORPORATION, A DELAWARE CORPORATION, OF 200 EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS 60601, U.S.A.

Inventors : 1. HENRY WONG. 2. RONALD DUANE QUATES, 3. LIEN-YAN CHEN.

3-457 GI/97

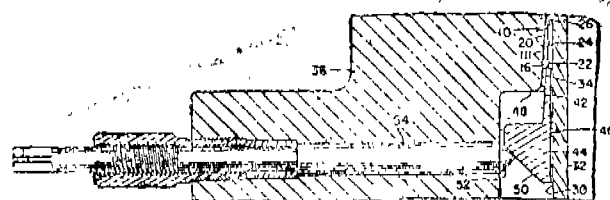
Application No. 218/Mas/92 filed 8th April 1992.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office Branch, Chennai.

Claims 15

A metal seal device for providing a fluid pressure metal-to-metal seal between a well casing and a surrounding wellhead component, the seal device comprising :

- (a) an annular seal body having an upper end, a lower end, a cylindrical inner surface extending between said upper and lower ends, and an outer surface formed by a plurality of cylindrical surface portions having mutually different diameters and upper annular edges;
- (b) a plurality of axially-spaced annular internal ridges on the body inner surface, said ridges having sealing surfaces for establishing a metal-to-metal seal with a well casing; and
- (c) a plurality of annular external sealing surfaces on the body outer surface, said external sealing surfaces axially positioned to reside on a straight line that slopes inwardly from the lower end of the body towards the body axis.



Com. 13 pages;

Drwgs. 4 Sheets

Ind. Cl. : 128F

180540

Int. Cl. : A 61 M 5/00

A SINGLE USE SAFETY HYPODERMIC SYRINGE.

Applicant : SAFE-T-LIMITED OF LAUREL HOUSE, CROIT-Y-QUILL, LONAN, ISLE OF MAN; ISLE OF MAN NATIONALITY.

Inventor : JOHN FRANCIS TOFT AND PETER JEFFREY.

Application No. : 224/Mas/92 dated 10th April 1992.

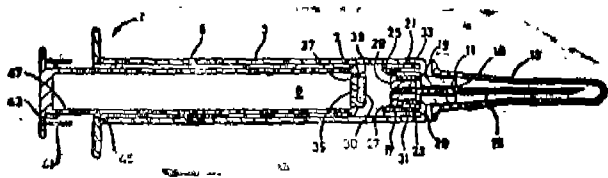
Convention Date : April 11, 1992; (No. 9107647; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

24 Claims

A single use safety hypodermic syringe that is normally sterilised before use and has a needle that is hollow for passage of contents of or for the device and is automatically retractable after use, the syringe comprising a body made from mouldable material and moulded in one piece, the body comprising a main elongate cylindrical chamber to take a plunger in slidable sealing relation therein, a forward or extension chamber extending from the main chamber beyond end of plunger movement into the main chamber and housing a spring to bias a holder for the needle to pass communication with the main chamber through and beyond the forward or extension chamber, and internal latch formations for the needle holder to retain the needle holder with the spring compressed in the forward or extension chamber and biasing the needle holder for automatic

retraction with the needle when the latch formations are released at end of plunger movement.



(Com. : 29 Pages:

Drawings : 5 Sheets)

Ind. Cl. : 85 L

180541

Int. Cl.⁴ : B 09 B 3/00 ; F 23 N 7/08

AN IMPROVED INCINERATOR.

Applicant : JOHN NICHOLAS BASIC, OF 21 W 161 HILL AVENUE, GLEN ELIYN, ILLINOIS 60137, U.S.A. A U S CITIZEN.

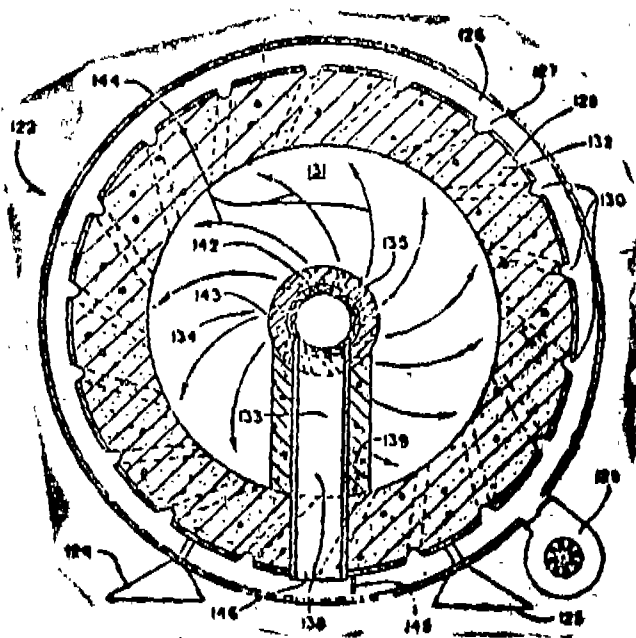
Inventor : *1. JOHN NICHOLAS BASIC (USA).

Application No. : 229/Mas/1992 filed on 16th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

05 Claims

An improved incinerator for bulk refuse and hydrocarbon-containing liquids comprising an enclosed main chamber having a fire-resistant floor means for holding and burning material thereon, an inlet opening for the introduction of solid bulk refuse and an outlet opening for the egress of the gaseous products of combustion from said main chamber, the improvement comprising (a) at least one grate, having openings therethrough and located within said main chamber adjacent to said inlet opening and above said floor means for holding refuse introduced through said inlet opening above said floor means for a limited period of time and then allowing said refuse to drophthrough to said floor means while burning, (b) cooling means coupled to said grate, for reducing the temperature of said grate and (c) a refractory placed upon said grate.



(Comp. Specn. : 60 pages:

Drwgs. : 17 sheets)

Ind. Cl. : 32-C

180542

Int. Cl.⁴ : C 08 G 12/32

IMPROVEMENT IN OR RELATING TO THE PREPARATION OF WATER-SOLUBLE MODIFIED MELAMINE-FORMALDEHYDE RESIN.

Applicant & Inventor : LAKSHMINARAYANAPURAM GOPALA IYER VAIDYANATHAN, B.Sc., A.I.C., M.C.I.C., B3, NAVARATNA APARTMENTS, 17TH CROSS -MALLESWARAM, BANGALORE-560 055, KARNATAKA, INDIA, INDIAN NATIONAL.

Application No. : 231/Mas/92 dated April 20, 1992.

Complete Specification left : July 19, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

A process for the preparation of water-soluble modified melamine-formaldehyde linear polymer having high solid content comprising the steps of reacting melamine and formaldehyde at a pH below 7 to obtain a clear transparent solution followed by the addition of water-soluble alkali metal salt of sulphurous acid while maintaining the pH above 10, thereafter adjusting the pH between 7 and 9 with sulphuric acid, the reaction temperature being 60°C to 95°C for a period of 20 minutes to 7 hours until a viscosity of 14 seconds to 600 seconds in Fordcup No. 4 (measured at $40 \pm 2\%$ solid at 20°C) is obtained, the molar ratio of melamine to formaldehyde being from 1:2.1 to 1:5 and that of melamine to the said alkali metal salt of sulphurous acid being from 1:1.3 to 1:4.

(Prov. : 9 pages:

Com. : 9 pages)

Ind. Cl. : 167 C, D

180453

Int. Cl.⁴ : B 07 B 7/04

A DEFLECTING SEPARATOR WITH A DISPLACEMENT MEMBER.

Applicant : WAESCHLE MASCHINENFABRIC GMBH, OF KANALSTRASSE 55, 7980 RAVENSBURG, BUNDESREPUBLIK, DEUTSCHLAND, GERMANY; A GERMAN COMPANY.

Inventor : DIPL.-ING. ROBERT STORF.

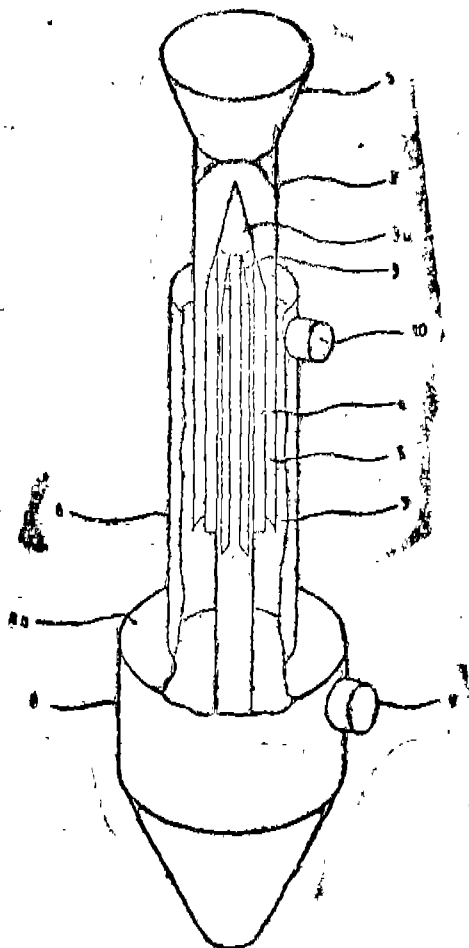
Application No. 233/Mas/92 dated April 21, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A deflecting separator comprising a first, fixed pipe section, through which loose material to be separated can be passed generally vertically downwardly, the first pipe section enclosing generally concentrically a displacement member with a conical tip at its upper end which forms a first annular space with the first pipe section; a plurality of evenly distributed longitudinally extending ribs on the periphery of the displacement member to give the displacement member a star-shaped profile in cross-section, the ribs having a height in the radial extent which is approximately equal to half the internal width of the first annular space and the end faces of the ribs which face the flow of entering loose material being sloped in the direction of flow; a second pipe section which encloses the lower end of the first pipe section and forms a second annular space with the first pipe section, the second pipe section extending beyond the bottom end of the first pipe section to the upper end of a container provided to receive separated heavier loose material and having an intake opening for a separating gas which passes through the second

annular space entraining lightweight particles of the loose material and discharges through a discharge opening provided in the region of the upper end of the second pipe section



(Com. 11 pages;

Drawgs. 2 sheets)

Ind. Cl. : 2 05 B. K

180544

Int. Cl.⁴ : B 29 D - 30/52

A SHOULDER STRIP FOR USE IN PRECURE RETREADING OF TYRES AND THE TYRES RETREADED THEREWITH.

Applicant : SUDARSAN VARADARAJ, AN INDIAN NATIONAL OF 'INDIA HOUSE, TRIHY ROAD, COIMBATORE-641 016, TAMIL NADU, INDIA.

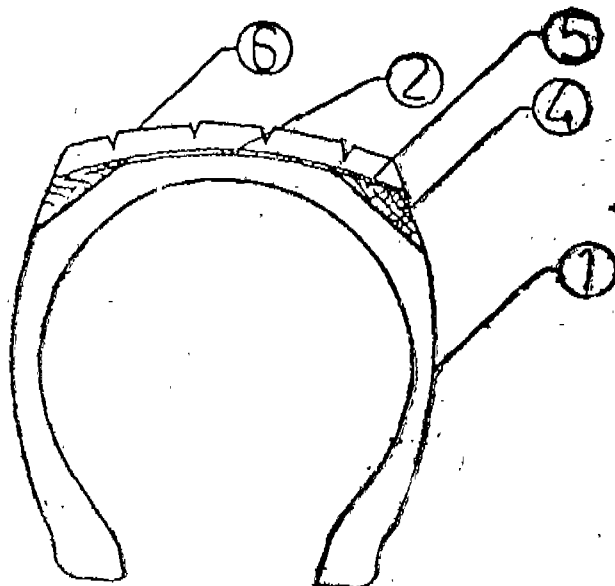
Inventor : SUDARSAN VARADARAJ.

Application No. 235/Mas/92 filed*on 22nd April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A shoulder strip for use in precure retreading of tyres, comprising a preformed strip of extruded rubber of a profile matching the buffed profile of the tyre shoulder and imparting a substantially flat arc surface with the buffed crown of the tyre.



(Com. Specn. 8 Pages;

Drwg. 03 Sheets)

Ind. Cl. : 32F 2C

180555

Int. Cl.⁴ : C 07 C 120/00

A PROCESS FOR PRODUCING 3-(HEXENYLOXY) PROPANE NITRILE.

Applicant : DRAGOCO GERBERDING & CO AKTIENGESELLSCHAFT OF DRAGOCO STRASSE, D-3450, HOLZMINDEN, GERMANY, A GERMAN COMPANY.

Inventors :

(1) DR. ERKST JOACHIM BRUNKE

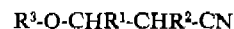
(2) DR. KARL GEARG FAHLBUSCH.

Application No. 238/Mas/92 filed on 22nd April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for producing 3-(hexenyloxy)-propane nitrile of the formula A



wherein R^3 is an unbranched hexenyl residue and R^1 and R^2 are optionally a hydrogen atom or a methyl group comprising reacting acrylonitrile crotononitrile or methyl substituted acrylonitrile with unbranched hexenol at a temperature ranging from 0 to 50° in the presence of a known base catalyst and recovering the compound of formula A from the reaction mixture in a known manner.

(Com. 14 Pages;

Drwgs. - Sheets)

Int. Cl.⁴ : B 61 F 5/02

180546

Ind. Cl. : 158 E 2

A FRICTION CASTING FOR USE IN A RAILROAD CAR TRUCK.

Applicant : STANDARD CAR TRUCK COMPANY, A DELAWARE CORPORATION USA, OF 865 BUSSE HIGHWAY, PA. RIDGE, ILLINOIS-60068 USA.

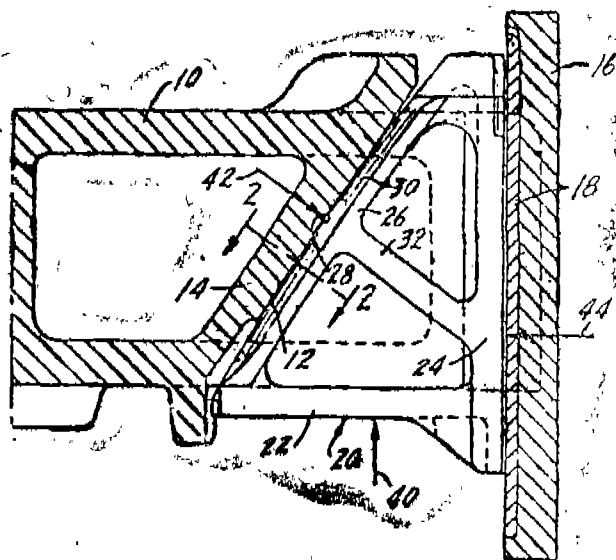
Inventor : (1) ROBERT L BULLOCK, U.S.A.

Application No. 243/Mas/92. Filed on 24-04-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A friction casting for use in a railroad car trunk between a side frame column and a bolster pocket slanted wall, the friction casting including a slanted wall adapted to face and be in contact with the bolster pocket slanted wall, said casting slanted wall, when viewed in vertical cross-section, having a curvature providing a generally centrally located zone of contact with the bolster pocket slanted wall, said friction casting having a bottom wall formed and adapted to seat upon a supporting spring said friction casting having a generally vertical wall formed and adapted to be in contact with generally vertical wall of the side frame column and said friction casting slanted wall, vertical wall and bottom wall defining a generally open interior, a support rib in said casting generally open interior said support rib being joined to said casting slanted wall at the slanted wall zone of contact and being generally perpendicular to said casting slanted wall, said support rib extending to an being joined with said casting vertical wall whereby said support rib supports said casting slanted wall at the zone of contact and transfers the load from the casting slanted wall zone of contact to the casting vertical wall.



(Com. 13 pages;

Drwg. 1 sheet)

Ind. Cl. : 172 B

180547

Int. Cl.⁴ : B 30 B 9/30

MOBILE 2- DIRECTIONAL-COMPRESSION COTTON BALING PRESS.

Applicant : JONNALAGADDA RAMA RAO (&) 4TH CROSS, 4TH LANE, ASHOKE NAGAR, GUNTUR-522022. ADISESHA SASTRY PANNALA, PLOT NO. 6, BALAJI NAGAR, HYDERABAD-500 044, INDIANS.

Inventors :

- (1) JONNALAGADDA RAMA RAO (&)
- (2) ADISESHA SASTRY PANNALA.

Application No. 245/Mas/92 filed on 27th April 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A device to make cotton bales, and comprising of a compression chamber in which bottom plate is movable vertically by means of hydraulic actuator for the first stage

pressing of cotton, a top late that is tiltable and helps in loading and to act as a rigid side of the chamber upon fixing to the frame, a horizontal ram actuated by hydraulic means for pressing cotton in the 2nd stage in a direction perpendicular to the first stage pressing and moving in opposite direction for releasing the bale after strapping, and a tilting sideplate the retraction of which permits falling of the strapped bale by gravity, for removal of bale from the device.

(Com. Specn. 7, Pages;

Drwg. 1 Sheet)

Ind. Cl. : 55-C

180548

Int. Cl.⁴ : A 61 L 9/00

AN IMPROVED FUMIGATOR AND A METHOD OF MAKING THE SAME.

Applicant & Inventor : G SUNDARESWARAN, AN INDIAN CITIZEN, OF 4/26, WEST AGRHARAM, BIKSHANDARKOIL, TRICHY-621 216, TAMIL NADU.

Application & Provisional Specification No. 247/Mas/92 dated April 28, 1992.

Complete Specification left : February 11, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

An improved fumigator comprising a blend of known combustible material, conventional incense, fumigants and pesticides, the said fumigator being moulded to a hollow body wherein the thickness of the wall of the fumigator is maintained within a range of 1 mm to 4 mm i.e. the difference between the outer diameter and the inner diameter of the hollow body is up to 4 mm.

(Prov. 4 pages;

Com. 7 pages)

Ind. Cl. : 170-A

180549

Int. Cl.⁴ : C 23 G 5/02

A DEGREASING AND CLEANSING COMPOSITION AND A PROCESS FOR MAKING THE SAME.

Applicant & Inventor : GANAPAATHY SUNDARESWARAN, INDIAN, OF 4/26, WEST AGRAHARAM, BIKSHANDARKOIL, TRICHY DISTRICT. PIN CODE NO. 621 216, TAMIL NADU.

Application No. 248/Mas/92 dated April 28, 1992.

Complete Specification left : February 12, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A degreasing and cleansing composition comprising a blend of : (1) 40 to 75 parts by weight of do-decyl benzene sulphonate, (2) 1 to 2 parts by weight of 5 to 20% aqueous solution of polyvinyl alcohol, (3) and the remaining being a solvent selected from carbon tetrachloride, petrol, trichloroethylene, or a mixture thereof.

(Prov. 7 pages;

Com 7 pages)

Ind. Cl. : 116 G, 150 G

180550

Int. Cl.⁴ : F 16 K - 11/00.

A PIPE SWITCHED DEVICE FOR USING IN INSTALLATIONS.

Applicant : WAESCHLE MASCHINENFABRIK GMBH, OF KANALSTRASSE 55, 7980 RAVENSBURG, BUNDESREPUBLIK DEUTSCHLAND, GERMANY, A GERMAN COMPANY.

Appropriate Office for Opposition proceeding (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

7 Claims

5 Claims

A process for the recovery of precious metals such as palladium, gold & platinum from its aqueous solution containing copper and/or other base metals which comprises mixing a base such as herein described, with the above said aqueous solution under constant agitation to get the pH is in the range of 4-9; adding conventional complexing agent such as herein described whose total quantity is atleast 10% more than the copper and/or other base metal ions quantity, till the aqueous solution contains no free copper and/or other base ions, adding conventional reducing agent such as herein described to the solution under constant stirring to effect precipitation of the precious metal maintaining the resultant slurry temperature in the range of 30 to 100 C, allowing the slurry to cool to room temperature and recovering the precious metal by known methods.

Drawing Sheets-NIL

180552

Int. Cl⁴ : H0 1 R 43 /00.

Applicant : THE WHITAKER CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 4550 NEW LINDEN HILL ROAD, SUITE 450, WILMINGTON, DELAWARE 19808, UNITED STATES OF AMERICA.

Kind of Application : Complete.

Application for Patent No. 577/Del/91 filed on 28-6-1991.

Appropriate Office for Opposition proceeding (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

9 Claims

An improved electrical wire connector for the connection of at least a pair of electrical wires which comprises;

a bifurcate bolt having two opposed semi-cylindrical prongs spaced apart to define a wire-receiving channel therebetween.

a wire-clamping insert adapted to be located within said channel and to be urged against a top one of at least two wires disposed along said channel; and

a nut threadable on to said bolt about said prongs to urge said insert against the top one of said wires and to press said wires tightly against the bottom of said channel, said nut having an internally threaded lower annular section adapted to be threadably connected on to said bolt about and around said prongs, and an upper annular section adapted to rotate during threading of said nut on to said bolt to compress and interconnect said wires, said upper annular section being joined to said lower annular section at a frangible section shaped and dimensioned to break upon attaining a selected torque level applied to said upper annular section during said rotation thereof.

Complete Specification 12 Pages;

Drawing Sheet 3

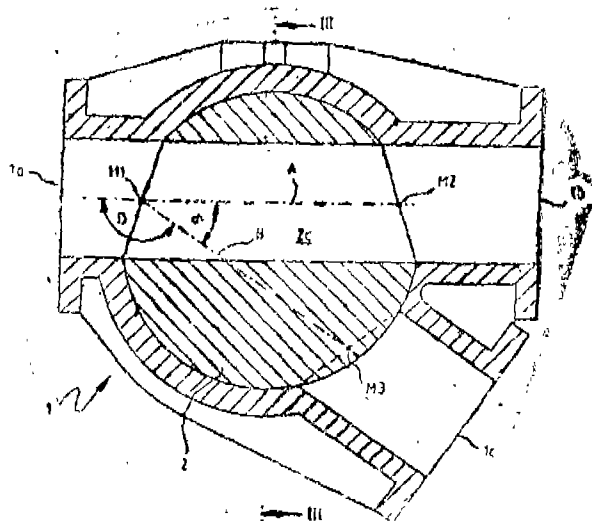
Ind. Cl. : 32 E & 140 A 2

180553

Int. Cl⁴ : C 10 M, 145/04

HYDROCARBON OIL COMPOSITIONS.

Applicant : SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B. V., A NETHERLANDS COMPANY.
OF CAREL VAN BYLANDTLAAN 30, 2596 HR, THE
HAAG, THE NETHERLANDS.



Drwgs : 6 Sheets.

180551

Int. Cl.⁴ : C22 B 11/04.

A PROCESS FOR THE RECOVERY OF PRECIOUS METAL SUCH AS PALLADIUM GOLD & PLANTINUM FROM ITS AQUEOUS SOLUTION CONTAINING COPPER AND/OR OTHER BASE METALS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH, RAJF MARG, NEW DELHI-110001.

Inventor : GURSHARAN SINGH GROVER, RAGHU-
NATH VITTHAL CHAUDHARI, OTHAYOTH GANA-
PATHIYADAN BALAKRISHNAN NAMBIAR.

Kind of Application : Complete.

Application for Patent No. 574/Del/91 Filed on Dated
27-6-91.

Inventor : EIT DRENT, MARINUS JOHANNES REYNHOUT, HENRICUS PAULUS MARIA TOMASSEN.

Kind of Application : Complete.

Application for Patent No. 580/Del/91 Filed on Dated 1-7-91.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

5 Claims

Hydrocarbon oil compositions comprising a paraffinic hydrocarbon oil and 1-10000 mg of linear polymer per Kg of hydrocarbon oil, said linear polymers being polymers of carbon monoxide with one or more alpha-olefins having at least 10 carbon atoms per molecule (C10- α -olefins) and optionally moreover with one or more olefins having fewer than 10 carbon atoms per molecule (C9-olefins), in which polymers the units originating from carbon monoxide and the units originating from the olefins occur in a substantially alternating way.

(Complete Specification 24 Pages; Drawing Sheets - Nil)

Ind. Cl. : 128 I

180554

Int. Cl.⁴ : A 61 M 15/00; A 62 B 7/00.

COOLING DEVICE FOR COOLING BREATHING GAS IN A RESPIRATORY PROTECTION DEVICE.

Applicant : DRAGERWERK AKTIENGESELLSCHAFT, MOISLINGER ALLEE 53-55, D-4400 LUBECK, GERMANY.

Inventor : RALF ERNST LOSER (DE); CHRISTOPH MAURER (DE).

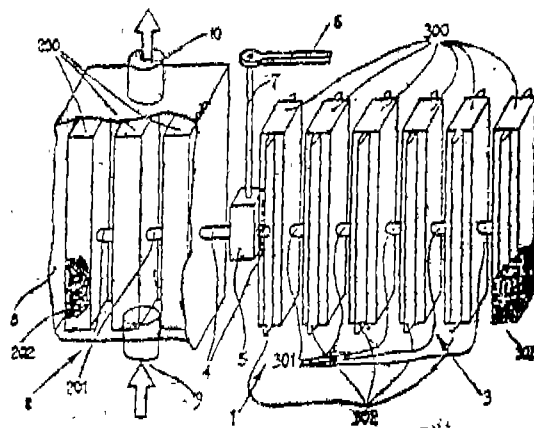
Kind of Application : Complete.

Application for Patent No. : 616/Del/91 Filed on Dated 9-7-91.

Appropriate Office for Opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A cooling device for cooling breathing gas in a respiratory protection device, (11) comprising an inspiration tube (25) and an expiration tube (13) connected to a user connection pipe (12); a regenerating container (16) containing a known carbon dioxide adsorbent connected to said expiration tube (13), said regenerating container (16) having a gas exit line, (18) and air guiding box (8) connected to said regenerating container gas exit line (10), and connected to said inspiration tube (25); a heat collector (2) comprising at least one storage (2(200, 200) tank for an evaporable liquid, said storage tank (2(200) being positioned in said guiding box (8) for heat transfer with breathing gas passing through said guiding box (8); an evacuated adsorbent container (3) connected to said storage tank (2), said adsorbent container (3) having an adsorbent (303) for absorbing vapor evaporated in said storage tank, (2) while adsorbing heat of vaporization, said adsorbent container (3) being formed as a cooling body (300) outside of said guiding box (8) for releasing heat of adsorption and heat of condensation to a region surrounding said cooling body (300).



(Complete Specification 11 Pages; Drawing Sheets-Nil.)

Ind. Cl. : 179F

180555

Int. Cl.⁴ C082 75/04, 79/02.

PROCESS FOR THE PRODUCTION OF IMPROVED CLOSURES FOR TIGHT SEALING OF PACKAGING CONTAINERS.

Applicant : BASF LACKE FARBEN AKTIENGESELLSCHAFT, MAX-WINDELMANN STRASSE 80, 4400 MUNSTER FEDERAL REPUBLIC OF GERMANY.

Inventor : PETER NUSSEN SIGFRIED KRAUSE.

Kind of Application : Complete.

Application for Patent No. : 632/Del/91 on Filed on Dated 16-7-91.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

7 Claims

A process for the production of improved closures for tight sealing of packaging containers comprising the steps of :

- (i) applying a sealing agent on the inside of the closures, said sealing agent comprising :
 - (A) 20 to 95% by weight of at least one compound having on average more than two isocyanate groups per molecule and/or of a prepolymer based on a diisocyanate and a chain-lengthening agent the isocyanate groups being blocked in each case;
 - (B) 1.5 to 30% by weight of at least one diamine and/or polyamine ;
 - (C) 0 to 78.5% by weight of at least one plastic and/or elastic and/or reactive organic polymer;
 - (D) 0 to 60% by weight of pigments and/or fillers;
 - (E) 0 to 50% by weight of one or more reactive diluents; and
 - (F) 0 to 20% by weight of auxiliaries and additives, the sum of the proportions by weight of the components A to F being 100% in each case; and
- (ii) subsequently subjecting the sealing agent to steps of baking on the inside of the closures to produce said improved closures.

(Complete Specification 32 Pages

Drawing Sheets-Nil)

Ind. Cl. : 206 B

180556

Int. Cl.⁴ : H04L 12/56.**A TELECOMMUNICATIONS PACKET SWITCHING SYSTEM.**

Applicant : TELEFONICA DE ESPANA, S.A. OF GRAN VIA 28, 28013 MADRID, SPAIN.

Inventors : PEDRO LIZCANOMARTIN, JUAN DATO SOLIS, BERNARDO ESCUDERO ALLEN, JUAN JOSE PEREZ BLANCO, FRANCISCO GOEEDEROS SANCHEZ.

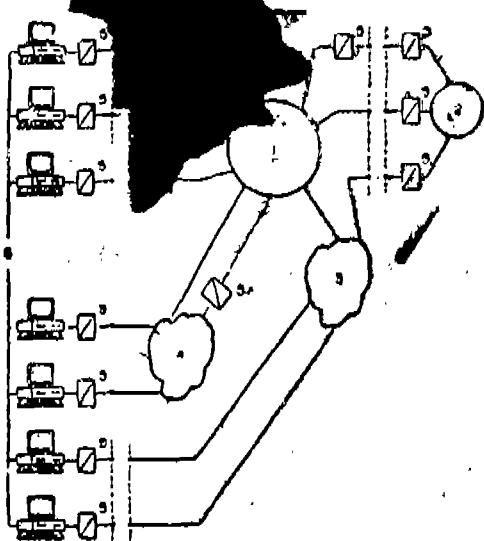
Application for Patent No. 634/Del/91 Filed on Date 16-07-91.

Appropriate Office for Opposition proceeding (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

Claims

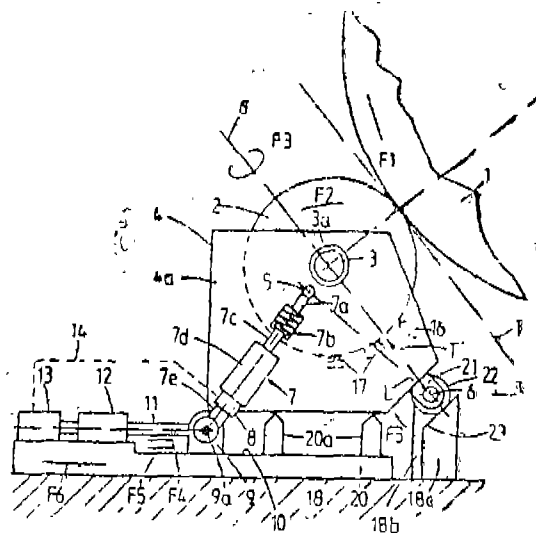
A telecommunication packet switching system for use with a network, comprising

- (a) network for carrying out packet switching and to the network, said network station



Complete Specification 14 Pages and 7 Drawing Sheets

(2) mounted in mutually opposite side walls 4(a) of the trough (4) wherein the trough (4) is tiltably mounted about a pivot axis (6) together with wiping cylinder (2); and adjusting device (11, 12, 13) to press the said trough (4) with predetermined force about the pivot axis (6) in the direction of the plate cylinder (1), the said pivot axis (6) lying in plane (T) passing through the axis of rotation (3) of the wiping cylinder and being parallel to the tangential plane (T) of the wiping cylinder (2) and plate cylinder (1) passing through the point of contact between these two cylinders and the direction of movement of the circumference of the wiping cylinder at the point of contact points downwards.



(Complete Specification 15 Pages; Drawings 2 Sheets.)

Ind. Cl. : 140 B₁

180558

Int. Cl.⁴ : C 10 L 1/00**A PROCESS FOR THE PREPARATION OF A NOVEL FUEL.**

Applicant : KAMESHWAR NATH MALLIK, 4/23A, VIKRAM VIHAR, LAJPAT NAGAR-IV, NEW DELHI-110024.

Inventor : KAMESHWAR NATH MALLIK.

Application for Patent No. : 698/Del/91 Filed on Date 31-7-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110005.

2 Claims

A process for the preparation of a novel fuel for use as a petrol comprising preparing a plants extract from dead or tulsee plant, dhub grass and yellow and fresh leaves of citron plants taken in equal proportion using carbon tetrachloride adding super saturated anhydrous ferric chloride solution to said extract in the quantity sufficient to stabilise said plants extract and then mixing 0.5 to 1.5% V/V of said extract solution with methanol to prepare said fuel.

Complete Specification 4 Pages Drawing Sheets - NIL.

Ind. Cl. : 154 A D

180557

Int. Cl.⁴ : B 41 L 33/00 & 35/00..**WIPING DEVICE FOR THE PLATE OF AN INTAGLIO PRINTING MACHINE.**

Applicant : DE LA RUE GIORI S. A. 4, RUE DE LA PAIX 1003 LAUSANNE/SWITZERLAND, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF SWITZERLAND.

Inventors : LINDNER GEORG JOHANN, SHAEDE JOHANNES GEORG, ZELFEL HANS JURGEN.

Application for Patent No. 668/Del/91 Filed on Date 24-7-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

The wiping device for the plate cylinder (1) of an intaglio printing machine with a through (4) for receiving the cleaning fluid and mechanical clearing elements and a wiping cylinder

Ind. Cl. : 85 J

180559

Int. Cl.⁴ : F 27 B 1/16.**DEVICE FOR INJECTING PREHEATED AIR INTO A SHAFT FURNACE.**

Applicant : PAUL WURTH S.A., A COMPANY ORGANISED UNDER THE LAWS OF GRAND DUCHY OF LUXEMBOURG, OF 32 RUE D' ALSACE, L-1122 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Inventors .

1. JEAN BENCK.
2. PIERRE MAILLET.

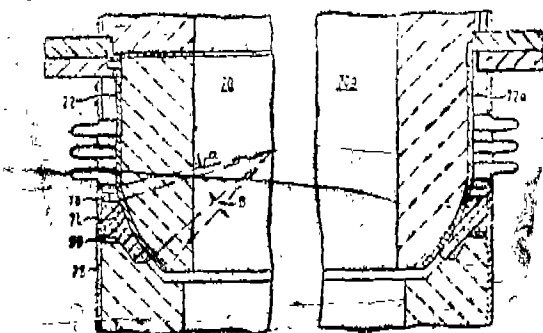
Application for Patent No. 997/Del/91 filed on 15-10-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

13 Claims

A device for injecting preheated air into a shaft furnace, consisting of a plurality of separate cylindrical elements, each consisting of an external steel armouring (52) and an inner refractory lining (55) and comprising at least one central tubular element (26) connected, on one side by a first ball-and-socket articulation (38) and a first expansion joint (44) to an upper tubular connection piece (22) firmly attached to a preheated air feeding bustle pipe (22) encircling the furnace and, on the opposite side, by a second ball-and-socket articulation (40) and a second expansion joint (46) to a lower tubular connection piece (30) extended by an elbow member (32) and a nozzle, the latter being articulated on a tongue fixed to the wall of the furnace, and in which the ball-and-socket articulations (38, 40) comprise a convex ball-part formed by the end of one of the elements (22) pivoting in a concave socket (28) formed by the end of the adjacent element (26) and a soft refractory seal insert, characterized in that the radius of curvature of each of the ball-and-socket joints (38, 40) is in the order of magnitude of half of diameter of the different tubular elements (26, 30, 32) and in that the convex ball-parts (70, 70a) of the ball-and-socket articulation (38, 40) comprise a protective sheath made of refractory steel which extends around the convex part of the central base of the ball.

Fig 1



(Compl. Specn. 23 pages.)

Drawings. 15 sheets.)

Ind. Cl. : 39 E

180560

Int. Cl.⁷ : C 01 F 11/38.

AN IMPROVED PROCESS FOR THE PREPARATION OF CALCIUM CYANAMIDE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.

Inventors .

1. BHARAT BHANUDAS KALE
 2. SATISH BABURAO JAOTAP
 3. ANITA RAVINDRA PANDE
 4. NIRMAL KISHOR YADAV
 5. GURUVAYUR FAJAGOPALAN VENKITAKRISHNAN
 6. JACINTO AUGUST PIRFS
 7. VIJAY GANGALHAR NEURGANKAR
 8. ASHOK NAGESH GOKARN.
- ALL INDIAN CITIZENS.

Application for Patent No. 705/Del/1991 filed on 2-8-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of calcium cyanamide which comprises reacting urea with lime in wt ratio ranging from 0.4 to 1.0 in the presence of a catalyst selected from calcium fluoride, potassium iodide or mixtures thereof, at a temperature in the range of 100–300°C for a period ranging from 0.25-8 hours to produce calcium cyanate (Ca (OCN)₂) converting calcium cyanate into calcium cyanurate (Ca₃ (OCN)₆) by maintaining the reaction mixture at a temperature in the range of 400–600°C for a period ranging from 0.5-3 hours finally converting the calcium cyanamide at a temperature in the range of 600–800°C in a inert atmosphere for a period ranging from 1–6 hours.

(Compl. Specn. 11 pages;

Drwng. sheet Nil.)

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted u/s. Section 20(1) of the Patents Act, 1970, the Controller's power has been vested in respect of the application for Patent No. 555/Del/1987 (171411) as made by Ivan Tomke for the purpose of proceeding in the name of Bio tec Biopackaging GrubH.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendment proposed by JOHN CRANE UK LTD. for change of name from CRANE PACKING LTD. in respect of Patent Application No. 555/Del/1987 (171411) as advertised in part III section 2 in the Gazette of India on October 22, 1994 and no opposition being filed within the stipulated period, the said amendment have been allowed.

AMENDMENT U/S. 78(3) OF THE PATENTS ACT, 1970 IN RESPECT OF THE APPLICATION FOR PATENT NO. 177395 (503/Cal/92).

In pursuance of leave granted u/s. 78(3) of the Patents Act, 1970, the Controller's power has been vested in respect of the application for Patent No. (503/Cal//92) 177395 for the necessary correction as per verbal order issued by the Controller at the stage of hearing held on 10-09-97.

Necessary correction has follows :—

"In the complete specification Page 2, Paragraph (b) include "optionally" before the word "disinfectants/germicides" and delete "with one or more optional" before the word "additives" and in Page 8, Paragraph (b) include "optionally" before the word "disinfectants/germicides" and delete "optional" before the word "additives".

RENEWAL FEES PAID

171609 164732 173787 178263 162760 163573 178436 178432
178439 178416 178415 166841 171306 169951 168936 171398
177799 171543 173590 175947 176616 177795 175527 177526
178419 170723 171804 176181 175635 176310 177372 178268
178411 178417 175989 177670 178264 178355 173545 173891
174370 168507 169023 171655 168233 171215 175195 172513
174194 177582

PATENT SEALED ON 16-01-98

177865 177906 177910 178420*D 178602 178603 178604*
 178605* 178606 178607* 178608* 178609 178610 178611*
 178612*D 178613*D 178614*D 178615*D 178616 178617*
 178618*D 178619 178620* 178621* 178622*D 178623*D
 178624 178625*D 178626*D 178627*D 178628*D
 178629*D 178630*D 178631 178633 178634 178635 178636
 178637 178638 178639*

CAI-12, LL-18, MUM 03, CHEN-08.

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the
 date of sealing.

D—Drug Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the De-
 signs Act, 1911.

The date shown in the each entries is the date of the re-
 gistration included in the entries.

Class 1. No. 172958, Cartier International B. V. a Dutch
 company organised and existing under the laws
 of the Netherlands, of Harengracht, 436, Amster-
 dam-C, Netherlands. "WATCH", 10th January
 1997.

Class 1. No. 172867, Bombay Safe & Steel Works Ltd., a
 public limited company, of 56, Netaji Subhas
 Road, Calcutta-700 001 West Bengal, India,
 "OPERATOR CHAIR", 30th December 1996.

Class 1. No. 172160, Gujarat Electronics and Controls, 8,
 Amarnath Estate, Nr. Forge & Blower Co.,
 Naroda Road, Ahmedabad-25, Gujarat, India, an
 Indian partnership firm, "PUSH BOTTON
 PLATE", 17th September 1996.

Class 1. No. 172161, Gujarat Electronics and Controls, 8,
 Amarnath Estate, Nr. Forge & Blower Co.,
 Naroda Road, Ahmedabad-25, Gujarat, India, an
 Indian partnership firm, "FRONT PLATE", 17th
 September 1996.

Class 1. No. 172352, Honda Giken Kogyo Kabushiki Kaisha,
 a corporation of Japan, having a place of busi-
 ness at 1-1, Minamiaoyama 2-chome, Minato-ku,
 Tokyo, Japan, "MOTORCYCLE", 14th October
 1996.

Class 3. Nos. 172311 to 172314, Pradeepkumar Nandlal
 Dhoot, an Indian national, of Gangapurwala,
 2275 Adat Bazar, Ahmednagar 414001, State of
 Maharashtra, India, "MIXER GRINDER WITH-
 OUT JAR", 4th October 1996.

Class 3. Nos. 172315 to 172317, Pradeepkumar Nandlal
 Dhoot, an Indian national, of Gangapurwala,
 2275 Adat Bazar, Ahmednagar 414001, State of
 Maharashtra, India, "JAR FOR MIXER GRIN-
 DER", 4th October 1996.

Class 3. No. 172228, Societe BIC, a French company of 8
 Impasse des Cailloux, 92110 Clchy, Cedex,
 France, "BALL POINT PEN", 20th September
 1996.

Class 3. No. 172659, John O. Butler Company, of 4635, W.
 Foster Avenue, Chicago, IL 60630, U.S.A., a cor-
 poration of the State of Delaware, U.S.A.,
 "TOOTHBRUSH", 21st November 1996.

Class 3. No. 172975, Kuber Aqua Minerals Ltd., of 3909
 Gali Barna, Sadar Thana Road, Delhi-110006,
 India, an Indian company, "BOTTLE", 16th Janu-
 ary 1997.

Class 10. No. 172241, Mahajan Plastic Industries B 70/59,
 Lawrence Road, DSIDC, Delhi 110035, India,
 Indian partnership firm "SHOE SOLE", 24th Sep.
 1996.

T. R. SUBRAMANIAN

Controller General of Patents Designs & Trade
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प्रबन्धक, भारत सरकार मुख्यालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

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